

SCHOOL TRAVEL REPORT

Lake Hill Elementary

AUGUST 2020

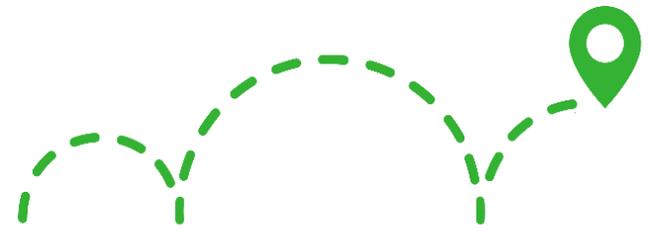
updated JANUARY 2021





Lake Hill Elementary

Active School
Travel Report
2019/20



READY STEP ROLL
ACTIVE SCHOOL TRAVEL PLANNING

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Appendices

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ACTIVE SCHOOL TRAVEL PLANNING



Active School Travel Planning is a school catchment/neighbourhood-based planning process aimed at increasing rates of walking and wheeling (bike, scooter, rollerblades, skateboard, wheelchair) or bus -- modes of *active travel* -- part-way or fully to and from school. Active School Travel Planning programs have already been successfully implemented in many communities across Canada and internationally. The “International Best Practices in Regional Planning for School Travel” (Ryerson University, Toronto, April 2016) <https://ontarioactiveschooltravel.ca/wp-content/uploads/2017/08/Best-Practices-Report-Ryerson.pdf>, looks at a number of case studies and key learnings from around the world.

The [Capital Regional District \(CRD\) Board Priorities](#) and [Corporate Plan](#) identifies *transportation* as a key regional priority and *envisions that residents have access to convenient, green and affordable multi-modal transportation systems that enhance community well-being*. Helping to further this priority through behaviour change and infrastructure improvement at a foundational level, the CRD coordinates the active and safe routes to school planning initiative, known as the CRD’s Ready Step Roll – Active School Travel Planning Program.



Modes of Active Travel

BENEFITS OF ACTIVE TRAVEL

Active travel describes using any form of transportation that relies on human-power to move. This includes walking and wheeling (bike, skateboard, rollerblades, scooter, wheelchair).

Students who **walk and wheel** to and from school (fully or part way!) can:



Improve physical and mental health



Arrive alert and ready to learn



Create positive community behavior change



Support and help parents and guardians with household schedules/routines, while becoming more self-reliant and independent



Feel present and connected



Build confidence and capability



Reduce traffic congestion, cleaner air and reduced Green House Gas emissions



Save time and money

CRD'S READY STEP ROLL PROGRAM

What is the Ready Step Roll Program?



Facilitated by the Capital Regional District (CRD), the Ready Step Roll (RSR) - Active School Travel Planning program works annually with five school communities and respective local government agencies to encourage and enable more students to use active transportation to get to/from school. Students who walk and wheel (bike, scooter, skateboard, wheelchair) to/from their school (or bus stop!) arrive alert and ready to learn, while helping to reduce regional GHG emissions and create safe, connected communities.

The Ready Step Roll program is a comprehensive and sustainable approach to making school-neighbourhoods more walk-able and wheel-able, by identifying and addressing safety and social barriers to better support and enable active travel with purpose and confidence. The success of the program relies on participatory partnerships with provincial and local governments, school districts and schools (administration, PACs and students), along with the Insurance Council of British Columbia (ICBC), Island Health Authority, police forces, local businesses, and non-profits. Working together, the partners focus on creating solutions through equity, evaluation, engineering, enforcement, education and encouragement, known as our “6-E’s approach to active school travel planning”.

What is the Active Travel Planning Process?

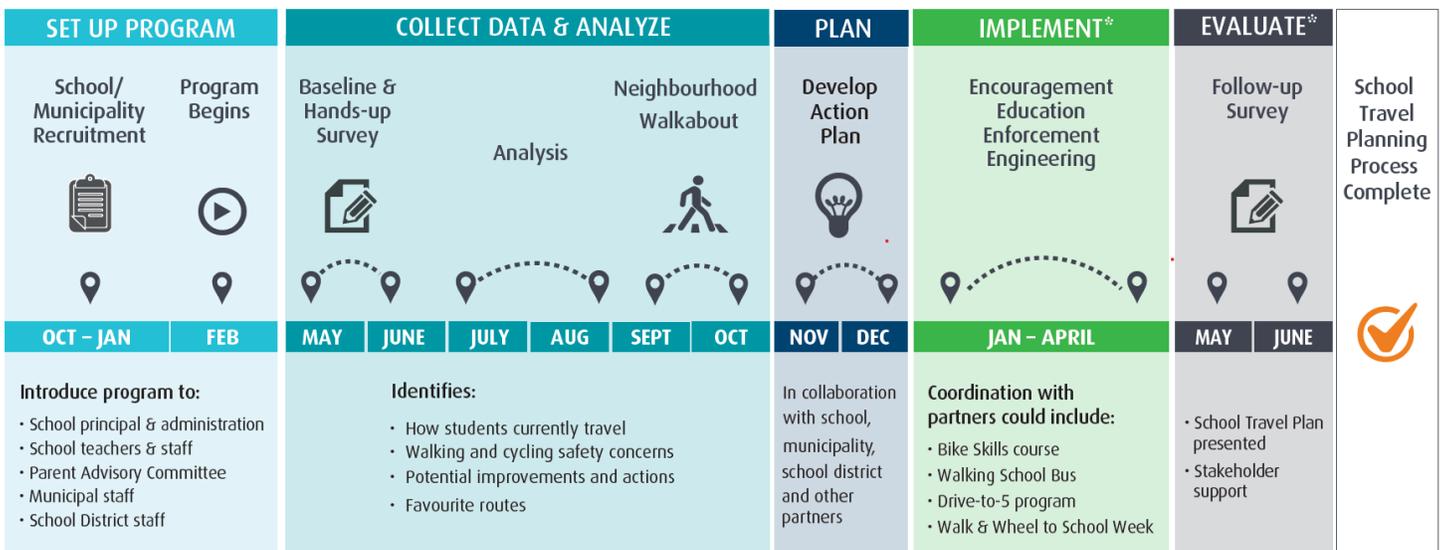
Over the 18-month RSR program (approximately January through to the following June), the CRD works collaboratively with partners to:

1. **Identify** schools and local governments that are **committed to working** together.
2. **Facilitate** the creation and implementation of school-catchment **Active School Travel Report** to further enable and inspire active transportation mode choice. During the program, local active travel safety concerns on common school routes are identified via school travel surveys, a School-Neighbourhood Walkabout, as well as a variety of consultation activities.
3. **Build capacity** of the school for ongoing initiatives that focus on **Equity, Evaluation, Engineering, Enforcement, Education and Encouragement (the 6 E’s)**.

Who are the Key Partners?

- **CRD** – Facilitator and Project Manager of the Ready Step Roll (RSR) program.
- **District of Saanich**- Provides local knowledge on street level infrastructure, assists in development of Action Plan, evaluates and considers proposed solutions, supports/undertakes implementation and follow-ups with school regarding safety improvements post RSR program.
- **School Administration and School District** – Provides insight into school sites and bussing, evaluates and considers implementation of proposed solutions on school property, and supports implementation of education and engagement initiatives during and post RSR program.
- **School Community (Parents/Guardians, PACs, and Students)** – Provides perspective on the walk-ability and wheel-ability of the school-neighborhood, identifies constraints and opportunities for improved drop-off/pick-up, contributes to action planning, and supports education and engagement initiatives during and post RSR program.

What is the Program’s Timeline?



*implementation and evaluation changed due to impacts of Covid-19

SCHOOL PROFILE & CATCHMENT TRAVEL CONTEXT



Lake Hill Elementary School Profile

School District	School District 61
Local Government	District of Saanich
Catchment Areas	North Quadra, Lake Hill
Grades	K-5
2019 Enrollment	198 students
School-Based Active Travel Support	<ul style="list-style-type: none"> → 2 Crossing Guards → Outdoor supervision from 8:20am until 2:45pm → Multiple Bike Racks → Active PAC → Annual PAC-sponsored Bike Rodeo
New! Ready Step Roll Active Travel Initiatives (ongoing)	<ul style="list-style-type: none"> ✓ Drive-to-5 locations at: <ul style="list-style-type: none"> → Ambassador Park (access via Morris Dr & Borden St) <ul style="list-style-type: none"> ○ School supervision from 8:15am to encourage parents to “Kiss & Go” or “Park and Stroll” ✓ New bike rack, added to existing fleet of bike racks ✓ 6 E’s of Active Travel Companion Guide for Schools ✓ School Zone extended to include all streets adjacent to school ✓ District of Saanich completed &/or working on many Action Plan items

Lake Hill Elementary is one of 27 elementary schools in School District 61, and one of 18 elementary schools located in the District of Saanich. In 2019, Lake Hill Elementary taught students aged from Kindergarten – Grade 5 and had an enrollment of 198 students.

Lake Hill Elementary serves families in the North Quadra Saanich Neighbourhood and is located in a mid-density single-family home suburb. The school entrance and primary drop off area is located on a cul-de-sac that also shares the entrance to St. Margaret’s School, creating a traffic pinch-point during drop off and pick up hours. In our baseline survey, Lake Hill families demonstrated an interest in achieving higher active travel participation but cited concerns related to vehicle volumes as well as the visibility and safety of pedestrian and cyclist crossings.



Lake Hill Elementary Catchment

READY STEP ROLL
ACTIVE SCHOOL TRAVEL PLANNING

- School Catchment
- Park
- Major Road
- Minor Road

CRD
Making a difference... together

Metres
0 100 200 300 400 500

Projection: UTM ZONE 10N NAD 83

Important: This map is for general information purposes only. The Capital Regional District (CRD) makes no representations or warranties regarding the accuracy or completeness of this map or the suitability of the map for any purpose. This map is not for navigation. The CRD will not be liable for any damage, loss or injury resulting from the use of this map or information on the map and this map may be changed by the CRD at any time.

6 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING

The 6 E's approach to Active School Travel Planning aims to be a comprehensive, integrated and sustainable approach to making school-neighbourhoods more walk-able and wheel-able, by identifying and addressing safety and social barriers to better support and enable active travel with purpose and confidence.

	<p>Equity</p> <p>Ensures that the RSR program across the Capital Region is benefiting all demographic groups, with particular attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.</p>
	<p>Evaluation</p> <p>Collect data and user insights to understand school-neighborhood context, assess which approaches are appropriate, identify opportunities to improve the effectiveness of an approach for a given school community and monitor changes over time.</p>
	<p>Engineering</p> <p>Make physical improvements to the streetscape and built environment to improve the walk-ability and wheel-ability with a focus on the immediate school-neighbourhood, common/high-use routes, and on school property.</p>
	<p>Enforcement</p> <p>Increase awareness and compliance of traffic laws, parking regulations, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.</p>
	<p>Education</p> <p>Change perceptions of active travel and support programs to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk or wheel to and from school.</p>
	<p>Encouragement</p> <p>Promote walking and wheeling as fun, easy, practical, exciting and inclusive ways to get to and from school.</p>

EQUITY



Ensures that the RSR program across the Capital Region is benefiting all Demographic groups, with particular attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.

How does the Ready Step Roll program integrate 'Equity' at a local government level?

- ✓ Works to consult with all relevant school and community/government partners by offering multiple engagement opportunities on a variety of platforms.
 - **In person:** Walkabout, PAC and Principal Meetings, Mapping, Engagement/Celebration stations, Hands Up Surveying method.
 - **Virtual:** Baseline Online Travel Surveys, email/phone parent/guardian consultation, 24/7 access to resources via website, material sharing with program partners.

How does the Ready Step Roll program integrate 'Equity' at a school community level?

- ✓ Works with PACs to facilitate equity into all opportunities and ideas.
 - **Educational:** Works with PAC representative to facilitate PAC volunteer coordination for active travel events (bike skills etc.).
 - **Financial:** Hosts Equipment Exchange Station (bikes, helmets, rain gear) at PAC and after school events, shares available bursary and grant opportunities, and highlights continuing safety efforts that work to support all students (crossing guard appreciation).
- ✓ Works with School Administration to address gaps in before and after supervision to support family and work schedules.
 - Walking School Bus and Drive to 5 initiatives.
 - Realignment of school ground supervision as needed.
- ✓ Works with School District Facilities and Transportation to address accessibility issues when travelling to/from school.
 - Safe and accessible school sites: Elimination of tripping hazards at school access points, pedestrian visibility issues at school access points, considers safety and accessibility of active travel near school bus stops.



EVALUATION

Collects data and user insights to understand school-neighbourhood context, assess which approaches are appropriate, identify opportunities to improve the effectiveness of an approach for a given school community and monitor changes over time.

To help better understand how students travel to and from school, why families make their travel choices, and what would encourage families to shift towards active travel modes, the program collects data through various means of formal and informal consultation. The CRD evaluates and uses the data and insights of the school community to facilitate development of the Action Plan with the local government, school and other participating community members.

Hands-Up Survey

→ Week-long daily survey taken in-class held at the beginning, middle and end of the program, to understand how students typically travel to and from school. This survey may be used as a baseline throughout the program and in future years by the school to gauge change over time.

Baseline School Travel Survey

→ Online questionnaire answered by parents and guardians is a deeper dive into identifying current and preferred travel modes, specific barriers, safety concerns and suggestions to encourage families to shift towards using more active travel.

School-Neighbourhood Walkabout

→ Build on the school survey data to get a better understanding of the challenges families have walking and wheeling to school. In the second hour, participants work together to brainstorm engineering, education and encouragement solutions. This information is used to create the Action Plan to guide improvements.

Personal Communications

→ Meetings, email, phone conversations throughout the program with Principal, Parent Advisory Committee (PAC) and local government confirm collected data and facilitate the development of the Action Plan.

CONSULTATION

Lake Hill Elementary - School Consultation Summary



39 Baseline School Travel Surveys, representing 22% of students (May/June 2019)



1156 Student Trips Recorded on Hands Up Surveys (May 2019)*



1 In School Encouragement & Engagement Activity**

→ Walk and Wheel Celebration Station (October 2019)

→ Bike Skills**

→ Road Safety**



1 School Neighbourhood Walkabout (October 2019)



6 Principal &/or PAC meetings (2019-20)



3 Local Government Meetings, with numerous phone & email communications focused on drafting the Action Plan (2019-20)

* Recorded over 4 days due to Pro-D day.

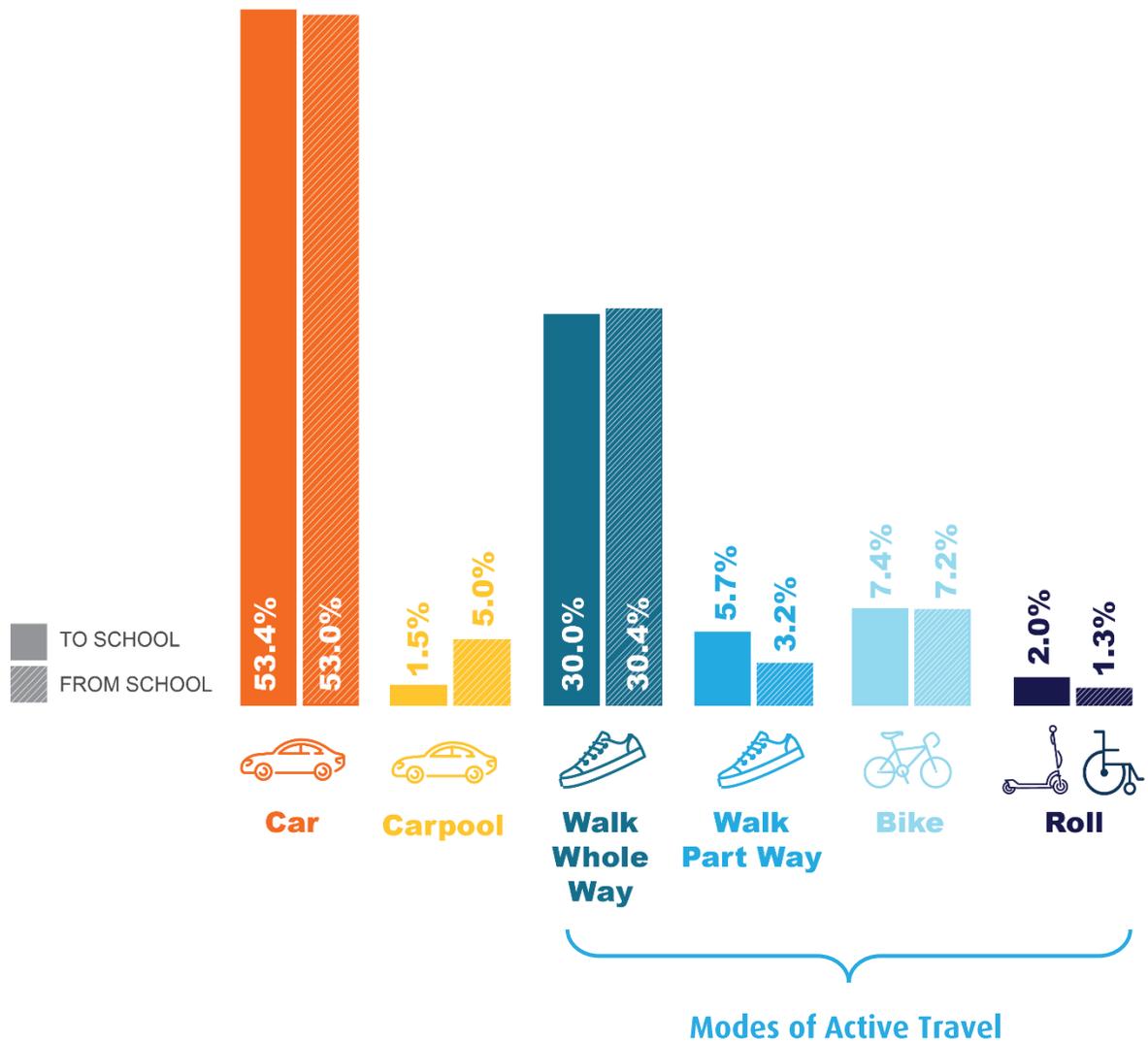
** Due to the school COVID-19 impacts, a number of encouragement and engagement activities were cancelled or postponed. The follow-up survey component was also cancelled. Program evaluation with school and local government occurred after the program ended and is not reported in this document.

SCHOOL TRAVEL SNAPSHOT

Data was obtained from the on the 2019 Lake Hill Baseline School Travel Survey & Hands-Up Survey

How do students typically get to & from Lake Hill Elementary?

- Typically, about **45%** of students use some form of active travel to and from Lake Hill School.
- Driving (alone or carpool) accounts for roughly **55%** of the travel to and from school.

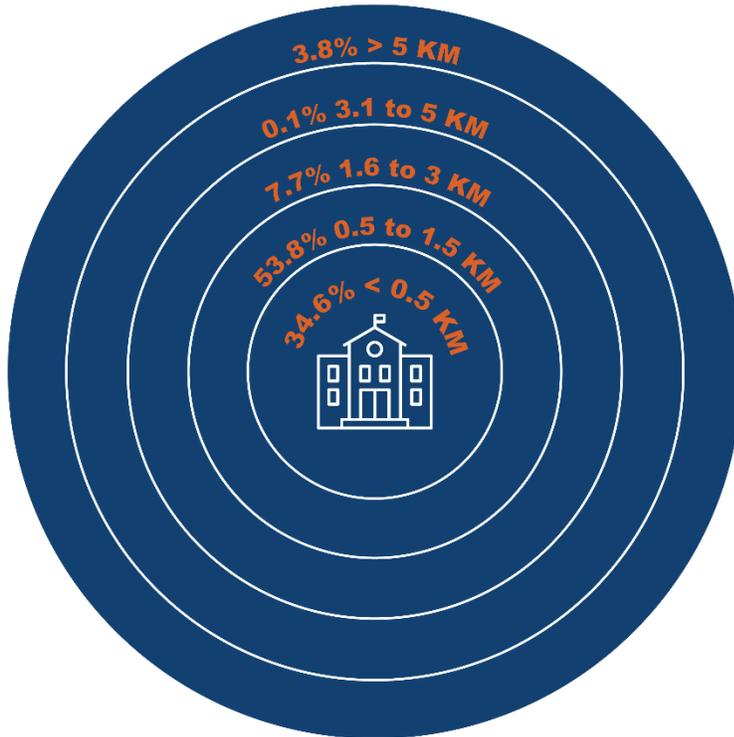


TAG ALONG!

Over **80%** of students using active travel to and from Lake Hill Elementary are accompanied by an adult. Talk to other families and see if your street can start a Walking School Bus!

How far do students live from Lake Hill Elementary?

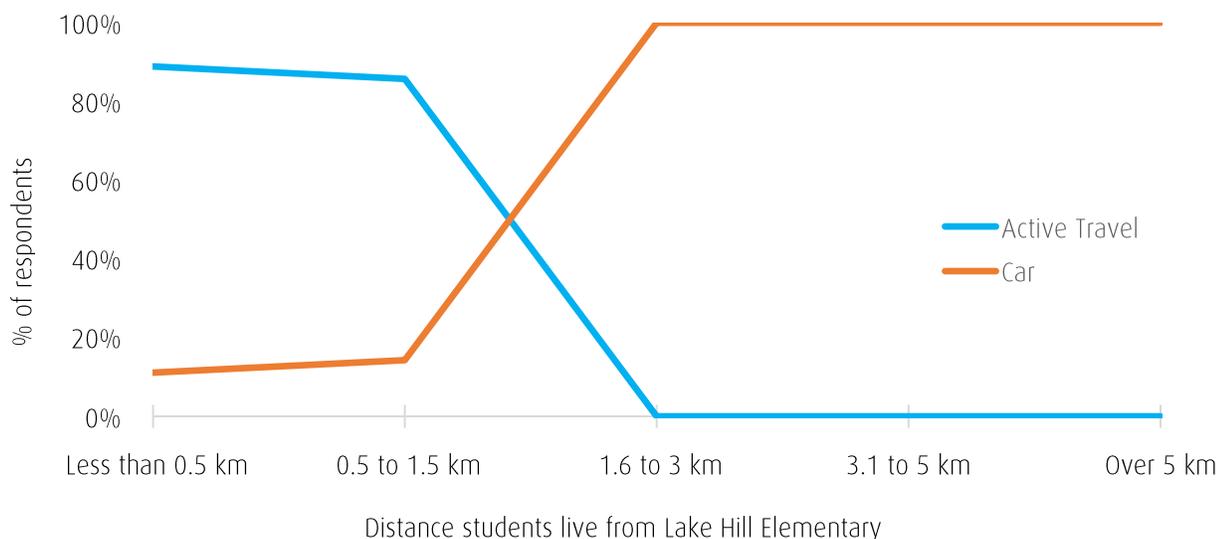
→ Over **88%** of all families attending Lake Hill live within 1.6 km of the school. Due to relatively small catchment, almost all students live within 3 km of the school.



CURB OUT CONGESTION!
 A **0.5KM** walk only takes
5 minutes!

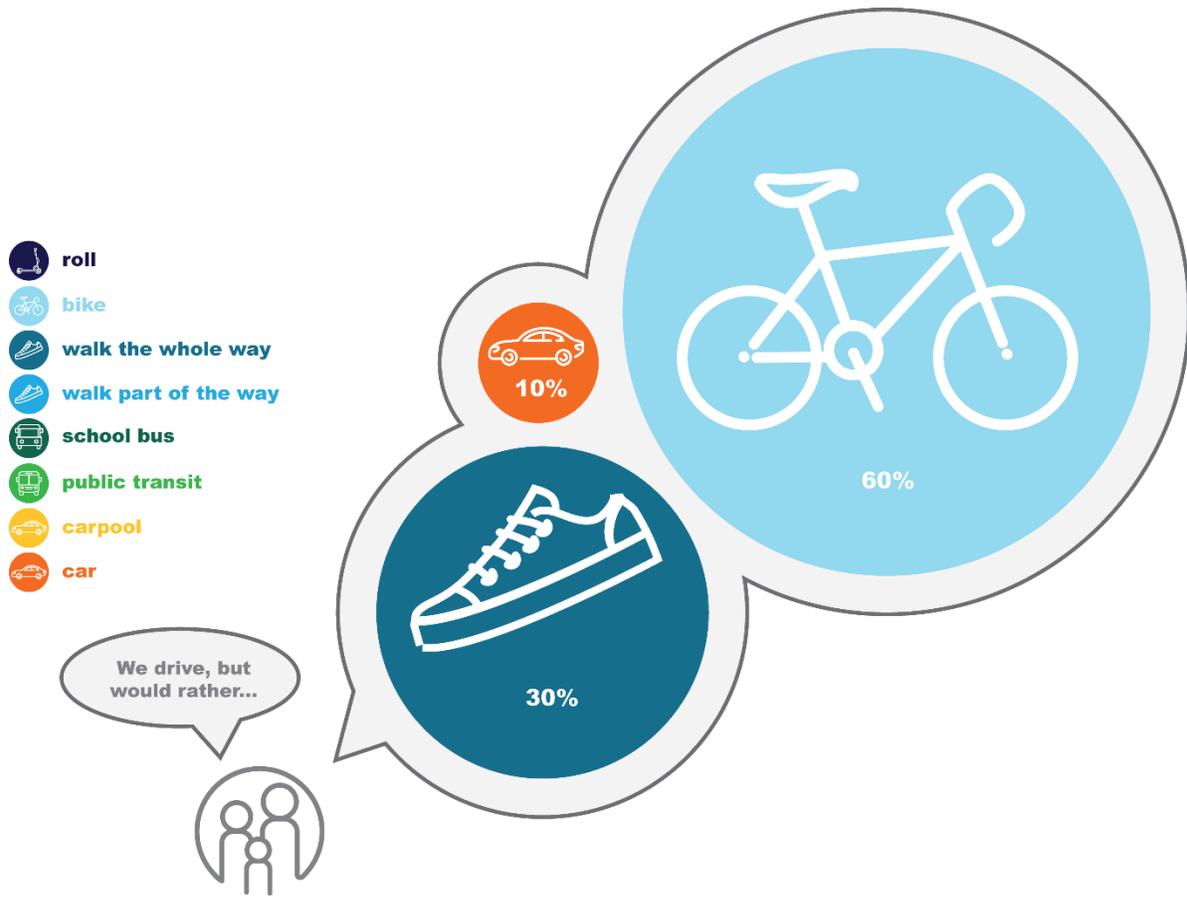
How does distance impact travel choices at Lake Hill Elementary?

→ Typically, **50%** of students that are driven to/from school live less than 1.6 km from school.



How would you prefer your student to get to Lake Hill Elementary?

→ Of all families, **96%** of parents would prefer their child uses active transportation to travel to and from school.



LET'S GET MOVING!

Out of all Lake Hill Elementary families who usually drive, **90%** of families would prefer their child use active travel to get to and from school.

SCHOOL TRAVEL CHALLENGES

As identified through formal and informal consultation - listed in order of priority.

Lucas Avenue

- Traffic volumes at drop off & pick up approaching school & in front of school
- Vehicle speeds approaching school & in front of school
- Poor stop sign compliance at Morris Dr
- Reduced space for and visibility of pedestrians/cyclists due to parked cars
- Lack of sidewalk (Morris to Tuxedo)

Morris Drive adjacent to school

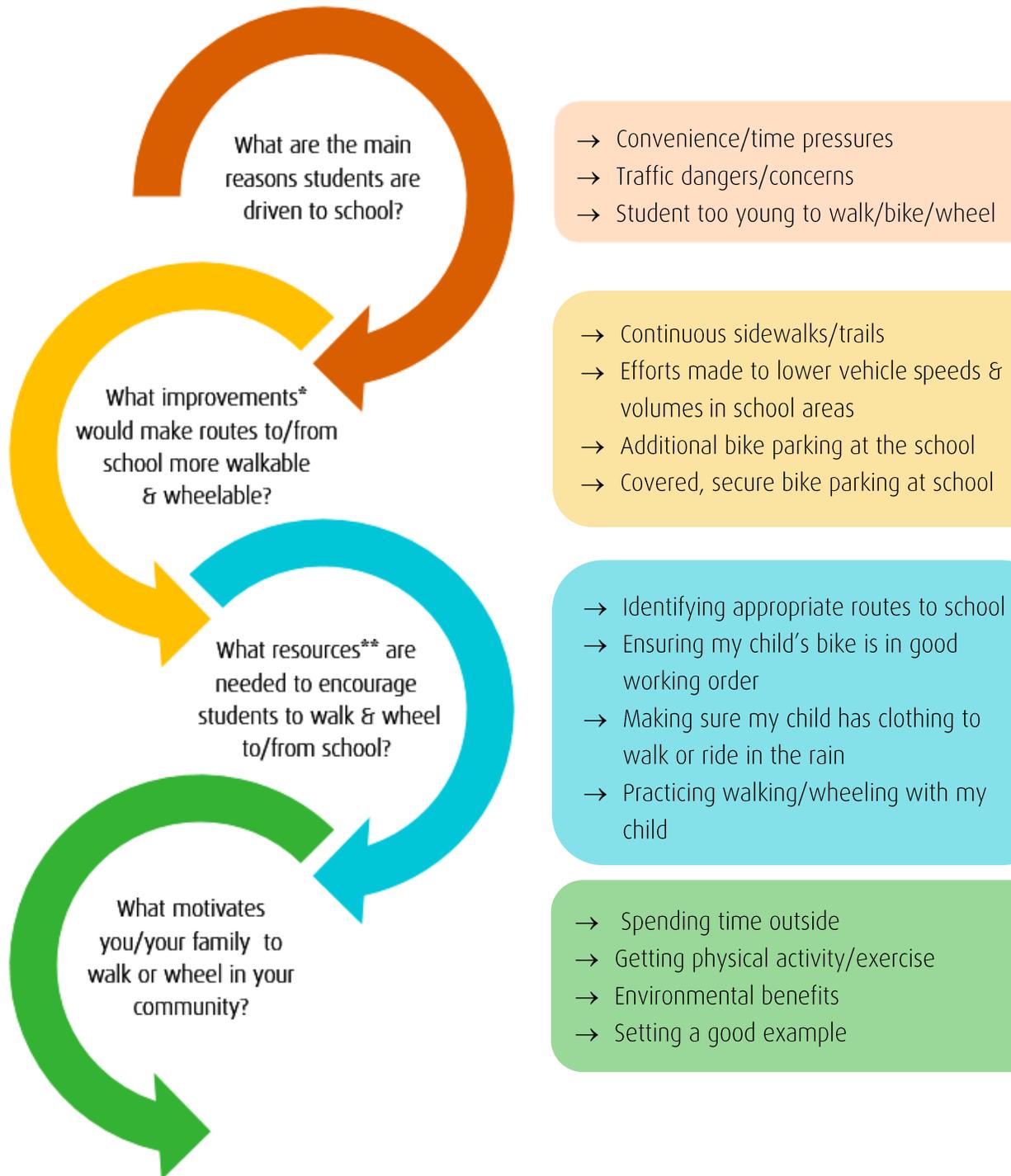
- Vehicle speeds
- Poor yield compliance at Ambassador flashing pedestrian crosswalk
- Cars park too close to north stop sign, limiting visibility
- Confusing right-of-way at Ambassador Park intersection

Borden Street

- Confusing right-of-way at intersection due to 2-way stop
- High use active transportation connector to Lochside Regional Trail

SCHOOL TRAVEL OPPORTUNITIES

As identified through formal and informal consultation.



*For more details see action Plan (Appendix B)

**For more resources see Plan Your Route Map & Student Activity (Appendix A), Action Plan (Appendix B), 6 E's of Active School Travel - Online Resources for School Communities (Appendix D)

ACTION PLAN HIGHLIGHTS

One of the main deliverables of the Ready Step Roll Program is the **Action Plan** (see Appendix A). The Action Plan outlines possible solutions to higher priority active travel challenges and opportunities commonly raised during the consultation process. The suggested actions are subject to the respected jurisdictions for consideration, approval and required budgetary process.

The following sections key highlight active travel challenges raised and possible solutions presented in the Action Plan through the lens of the 6 E's principles.

In the following 'Action Plan –Highlights', actions marked with:

- Completed at the time of this final report
- May not have been committed to OR are not yet completed
- Committed ongoing actions

ENGINEERING



Engineering infrastructural improvements help improve the walk-ability and wheel-ability of streetscapes and built environments within immediate school-neighbourhoods, common/high-use routes, and on school property.

Active Travel Challenges Raised

Traffic, Speed, Volume for improved pedestrian visibility and space

“Very heavy traffic in the morning due to cars arriving at St. Margaret’s school...”

“We need more bike racks and less traffic down Lucas. Move car drop off?”

Possible Solutions

District of Saanich

- Install “School Zone” signs on Borden St to support use of alternative Drive-to-5 at Ambassador Park
- Review Parking Restrictions in front of school and install “No Parking” signs in strategic locations to improve road user sight-lines

Lake Hill PAC and Administration

- ☑ Display “Slow Down” child-shaped sign at Lucas Ave school crosswalk

Intersections & Crosswalks

“Uncontrolled intersection – kids on bike and walking or walking are in danger...”

“The lights are right at the top of the hill and there is a lot of vehicle traffic – tough for kids to push the bottom check for directions and cross safely.”

District of Saanich

- ☑ Review intersection right of way at Borden & Nicholson to install 2-way or 4-way stop (important connector to the Lochside Trail)
- Add marked crosswalk and stop bar to the Ambassador Park Parking Lot Entrance/Exit

ENFORCEMENT



Enforcement increases awareness and compliance of parking regulations, traffic laws, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.

Active Travel Challenges Raised

Crosswalk and Intersection safety for pedestrians

“ Heavy traffic volumes and drivers who are frustrated by long intersection wait times [create] conflict between pedestrians and cars”

“Cars park too close to stop signs on Morris (On the north side of the intersection) which narrows the roadway for pedestrians walking to the crosswalk”

Possible Solutions

District of Saanich

- Requested increased enforcement from Saanich Police during high volume traffic hours
- Requested Saanich Police to reach out to St. Margaret’s administration to remind drivers to comply with all traffic regulations

School Administration

- Continue working with St. Margaret’s Administration to address traffic law compliance along Lucas Ave

Overgrown residential vegetation affects visibility of pedestrians and cyclists

“ There are many blind driveways where cars pull out into the sidewalk where my kids walk”

District of Saanich

- Maintain vegetation on trails
- Request private property owners to maintain vegetation

EDUCATION



Change perceptions of active travel and support programs to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk or wheel to and from school.

Active Travel Challenges Raised

Possible Solutions

Lack of Traffic Safety & Bike Skills Classes

"I would be encouraged to have my kids use active transportation if there was a way to identify the more appropriate way to school."

School Administration/RSR program (CRD)

- ☑ *Partner with Greater Victoria Bike Society to deliver bike skills to Grade 4 and 5 students
- ☑ *Partner with ICBC & Police to deliver "Think of Me" Road Safety education campaign for students K-3.

Identifying Safer Routes to School & Promoting Alternative Parking Areas

"The roads in the area are not set up to handle the volume of traffic in the neighborhood at drop-off and pickup."

RSR program (CRD)

- ☑ Develop:
 - "Drive-to-5" at Ambassador Park
 - "Plan Your Route Map" (identifies active travel infrastructure along school routes)
 - Educational resources to support student physical literacy

School Administration & PAC

- Promote new resources to families to help them identify safe active travel infrastructure along Lake Hill school routes
- Promote Drive-to-5 sites at Ambassador Park off Morris Dr. and Borden St.

Need for Educational Resources for School Communities Post-Program

Previous RSR schools have indicated a need for resources after the conclusion of the RSR program in order to build their capacity

CRD

- ☑ Create the *Ready Step Roll "6 E's of Active School Travel - Online Resources for School Communities"* which includes the Drive to 5 Guide, Walking School Bus Guide, School Streets Guide, and Road Safety Tips for Principal Newsletters. (see Appendix D)

ENCOURAGEMENT



Promote walking and wheeling to kids as easy, exciting, practical, fun and inclusive ways to travel to and from school alone or with friends.

Active Travel Challenges Raised

Limited infrastructure available

“Just need more bike racks and events to encourage more biking and walking”

“There are WAY too many cars driving though that four-way stop [Lucas St @ Morris Dr. Cross walk]... Lake hill parents could drop off at the corner of the baseball field at Morris/Ambassador and have kids walk “

Action Plan Key Messages and Solutions

CRD’s Ready Step Roll program

- Purchase a new bicycle rack to be installed at Lake Hill in 2020

School Administration/PAC

- Take part in community celebrations and campaigns that promote active transportation
- Continue to host school events that encourage healthy and active lifestyles
- Promote the “6 E’s of Active School Travel - Online Resources for School Communities”, which includes the Drive to 5 Guide, Walking School Bus Guide, School Streets Guide, and Road Safety Tips for Principal Newsletters. (See Appendix D)
- Both Ambassador Park Drive-to-5 sites supported by supervision on school property starting at 8:15AM with principal encouragement to support as “Kiss & Go” sites

SD61/School Administration

- SD61 is reviewing blueprints to have SD61 High School Trades Classes construct covered bike rack structures. SD61 facilities will work with Lake Hill Administration/PAC to determine next steps for construction and installation.

PLAN YOUR ROUTE TO LAKE HILL ELEMENTARY

Plan Your Route to Lake Hill Elementary: This map was created to show the pedestrian and cyclist infrastructure in the Lake Hill Elementary School neighbourhood. This map also shows the Lake Hill Elementary Drive-to-5 sites at Ambassador Park off Morris Dr and Borden St - where families are encouraged to 'Kiss and Go' or 'Park and Stroll' approximately 5 minutes to school.

Try planning your family's route to school!

Find the map and activity in Appendix A

Families who **plan**, **prepare**, and **practice** walking and wheeling to school help support children of all ages and abilities to learn safe and smart street-skills while gaining confidence, independence, and daily physical activity. Children will discover how easy, fun and sustainable any trip can be when you plan, prepare and practice using active travel.

Plan

- ✓ Plan the route to school with your child
- ✓ Identify landmarks, road names, and potential hazards
- ✓ Help your child dress for the weather
- ✓ Ensure all equipment is safe and suitable for your child

Prepare

- ✓ Set a good example when walking and wheeling
- ✓ Practice walking and wheeling with your child on weekends
- ✓ Teach road rules using the "CRD Handbook for Cyclists"
- ✓ Encourage independence – allow your child to help make decisions along the way

Practice

- ✓ Quiz your child on road rules and street signs
- ✓ Keep things fun with games like "Red light, Green light" and "I Spy"
- ✓ Invite friends to join you in walking and wheeling
- ✓ Explore new trails, parks, and activities that encourage active travel

Plan Your Route to Lake Hill Elementary

Speed Limit (no number = 50 km/h)

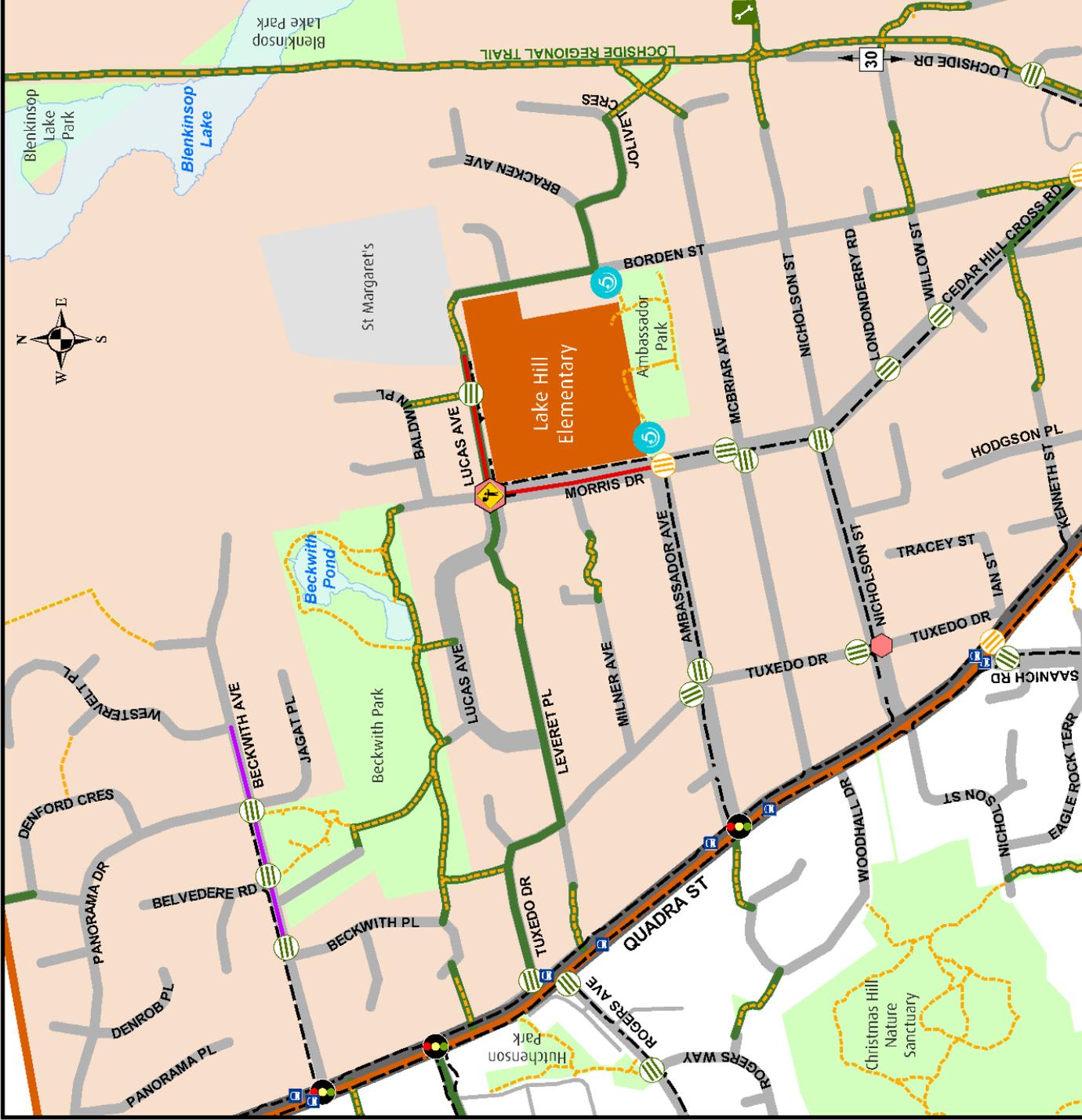
- 40
- Bus Stop
- Bicycle Repair Station
- Drive To 5 Parking Location
- All Way Stop
- Traffic Signal
- Crosswalk
- Pedestrian Signalized Crosswalk
- Crossing Guard
- School Zone (30 km/h; 8AM-5PM School Days)
- Playground Zone (30 km/h; Dusk to Dawn)
- Trail
- Sidewalk
- Bike Route/Lane
- Truck Route (busy)
- Major Road (busy)
- Minor Road (less busy)
- Lane (less busy)
- School Catchment
- Park



CRPD
Making a difference... together

READY STEP ROLL
ACTIVE SCHOOL INFRASTRUCTURE PLANNING

Important: The Capital Regional District (CRD) does not warrant or represent that the information herein is free from errors or omissions, nor does it warrant the safety or suitability of any route, trail, road, or pathway depicted or otherwise described herein. This information is provided for general information purposes on the condition that the CRD will not be liable for any loss, damage, costs, or expenses whatsoever incurred by any person or entity using or otherwise relying upon it. The use of this document by any person or entity is entirely at their sole risk.



Plan Your Route: This map was created to show the pedestrian and cyclist infrastructure in the Lake Hill Elementary school neighbourhood. Use this map to help identify the safest route for your child by selecting routes that use less busy roads and allow for safe street crossings. This map also shows Drive to 5 locations where parents are encouraged to park and walk approximately 5 minutes to school with their child.

KEEP ROLLING WITH NEXT STEPS

By design, the RSR program's focus on the 6 E approach aims to build capacity within partners to fulfill the action plan items and further enable and inspire active travel mode choice. Recognizing that many of the school partners (administration, teachers, PAC, parents and students) move on to new schools, the below 'Next Steps' aim to facilitate the hand off to the new school community over time, so they can continue to foster Lake Hill Elementary's active travel culture.

Keep Rolling with Next Steps:

Shifting Gears...

Disseminate paper and [digital](#) copies of all resources to the school and local government. CRD to deliver paper copies of Active School Travel Report, Ready Step Roll: 6-E's of Active Transportation Companion Resource for Schools, and a copy of a large printed "Plan your Route to Lake Hill" map to be placed in the school for future use.

Keeping in Step...

Continue implementation of Action Plan (Appendix B) – suggested actions to be completed or considered by the various partners identified.

Gaining Momentum...

How to keep the momentum going – Learn about the [6 E's of Active School Travel - Online Resources for School Communities](#) – lists ideas, resources and key messages to foster an active travel culture that will continue after the program concludes. Every fall and spring promote the **Plan Your Route Map & Activity** (identifies active travel infrastructure along school routes) to teachers and parents.

PARTNER KEY CONTACTS & LINKS TO RESOURCES

- District of Saanich Engineering – engineering@saanich.ca
- CRD Ready Step Roll regionalplanning@crd.bc.ca 250.360.3195
- [District of Saanich Active Transportation Plan](#)
- [CRD Pedestrian and Cyclist Master Plan](#)
- [CRD Bike Map](#)

APPENDICES

Appendix A – Plan Your Route Map & Student Activity

Appendix B – Action Plan

Appendix C – Consultation Data & Insights Summary

Appendix D – 6 E's of Active School Travel - Online Resources for School Communities



PLAN YOUR ROUTE TO SCHOOL

Appendix A: Map & Activity – Lake Hill Elementary



APPENDIX A – PLAN YOUR ROUTE TO SCHOOL

Families who **plan**, **prepare**, and **practice** walking and wheeling to school help support children of all ages and abilities to learn safe and smart street-skills while gaining confidence, independence, and daily physical activity. Children will discover how easy, fun and sustainable any trip can be when you plan, prepare and practice using active travel.

Plan

- ✓ Plan the route to school with your child
- ✓ Identify landmarks, road names, and potential hazards
- ✓ Help your child dress for the weather
- ✓ Ensure all equipment is safe and suitable for your child

Prepare

- ✓ Set a good example when walking and wheeling
- ✓ Practice walking and wheeling with your child on weekends
- ✓ Teach road rules using the “CRD Handbook for Cyclists”
- ✓ Encourage independence – allow your child to help make decisions along the way

Practice

- ✓ Quiz your child on road rules and street signs
- ✓ Keep things fun with games like “Red light, Green light” and “I Spy”
- ✓ Invite friends to join you in walking and wheeling
- ✓ Explore new trails, parks, and activities that encourage active travel

This appendix includes:

1. A map (last page) of the pedestrian and cyclist infrastructure in the Lake Hill Elementary School neighbourhood
2. Ideas and tips to help your family plan, prepare, and practice safe active travel
3. A guided activity template to help your family plan your child’s safest active travel route to school
4. A blank activity template for your family to complete.

PLAN YOUR ROUTE TO SCHOOL – ACTIVITY SAMPLE

To get the most out of active travel it is important to plan your route, prepare yourself, and practice good etiquette on the streets and trails.

Learn how to plan the safest route to school for your family with this sample activity, which includes a blank activity along with a completed sample for your reference.

1. Write down each family member's morning & afternoon commute. Be sure to consider any additional stops along the way to their final destination.

Most mornings, Mom travels alone to work by bike
(family member name) (alone/with others to destination) (mode of transportation)

Most afternoons, Mom travels alone from work by bike

Most days, Mom would prefer to travel with Sam to school and work by bike

2. Set family goals! Be sure to consider the age, ability, and independence of each child.

1. "Our child will be dropped off 5 minutes away from school so they can walk part way"
2. "We will practice biking as a family to school on weekends, so our child can bike alone"
3. "I will start a walking school bus so other kids don't have to walk alone"

I would like to accomplish:

_____ by _____
(write your personal goal here) (date)

TRAVEL TIP: SKIP THE LINE!

'Kiss and Go' or 'Park and Stroll' at any of the Drive to 5 locations available at your school to avoid long lines and idling in the drop off loop line up.

3. Consider and make note of potential barriers in each family member's goal.

Examples: balancing other family member's schedules, childcare/supervision, traffic, distance

Barriers	Strategies for success
<p>Timing – we can't bike to school together in the morning, because I will arrive late.</p> <p>Weather – dark outside during the morning</p>	<ol style="list-style-type: none"> 1. Use school's early supervision to allow our family to drop Sam off early, and then bike to work. 2. Purchase bike lights, reflective accessories and clothing 3. Adjust my route to include lighted streets as needed.

4. Use Google Maps to determine the most direct route to school for your family. Explore different routes and travel time estimates for your preferred travel mode.

Route option 1: Use regional trail network. My trip will be 8km and take approximately 30 minutes by bike (including drop off time)

Route option 2: Use neighbourhood cut-through and travel on road bike lanes. My trip will be 10km and take approximately 40 minute by bike (including drop off time)

5. Plan your family's route! Use the attached map to compare suggested Google routes to your school's local infrastructure. With your child, identify safe crossings, caution points, and landmarks to help prepare them to walk and wheel to school.

What walk and wheel infrastructure can you use on the way? (check all that apply)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Sidewalk | <input type="checkbox"/> Pedestrian Overpass | <input type="checkbox"/> Walking School Bus |
| <input checked="" type="checkbox"/> Marked Crosswalk | <input checked="" type="checkbox"/> Crossing Guard | <input checked="" type="checkbox"/> Drive to 5 Parking Area |
| <input type="checkbox"/> Signalized Crosswalk | <input type="checkbox"/> Bike Lane | <input checked="" type="checkbox"/> Pedestrian/Cyclist Trail |

To travel my route, I will use:



It will take about _____ minutes to travel _____.

(time in minutes) (distance; m or km)

PLAN YOUR ROUTE TO SCHOOL - ACTIVITY

1. On a separate sheet of paper, write down each family member's morning & afternoon commute using the same format as below.

Be sure to consider any additional stops along the way to their final destination.

Most mornings, _____ travels _____ by _____
(family member name) (alone/with others to destination) (mode of transportation)

Most afternoons, _____ travels _____ by _____
(family member name) (alone/with others to destination) (mode of transportation)

Most days, _____ would prefer to travel _____ by _____
(family member name) (alone/with others to destination) (mode of transportation)

2. Set family goals! Be sure to consider the age, ability, and independence of each child. If you're stuck on ideas, see the attached example.

I would like to accomplish:

_____ by _____
(write your personal goal here) (date)

3. Consider and make note of potential barriers in each family member's goal.

Examples: balancing other family member's schedules, childcare/supervision, traffic, distance

Barriers	Strategies for success

4. Use Google Maps to determine the most direct route to school for your family. Explore different routes and travel time estimates for your preferred travel mode.

Route option 1:

Route option 2:

TRAVEL TIP: SKIP THE LINE UP!

'Kiss and Go' or 'Park and Stroll' at any of the Drive to 5 locations available at your school to avoid long lines and idling in the drop off loop line up.

5. Plan your family's route! Use the attached map to compare suggested Google routes to your school's local infrastructure. With your child, identify safe crossings, caution points, and landmarks to help prepare them to walk and wheel to school.

What walk and wheel infrastructure can you use on the way? (check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Sidewalk | <input type="checkbox"/> Pedestrian Overpass | <input type="checkbox"/> Walking School Bus |
| <input type="checkbox"/> Marked Crosswalk | <input type="checkbox"/> Crossing Guard | <input type="checkbox"/> Drive to 5 Parking Area |
| <input type="checkbox"/> Signalized Crosswalk | <input type="checkbox"/> Bike Lane | <input type="checkbox"/> Pedestrian/Cyclist Trail |

To travel my route, I will use:



It will take about _____ minutes to travel _____.
(time in minutes) (distance; m or km)

Plan, Prepare, Practice!

Plan your Route to Lake Hill Elementary

Speed Limit (no number = 50 km/h)

Bus Stop

Bicycle Repair Station

Drive To S Parking Location

All Way Stop

Traffic Signal

Crosswalk

Pedestrian Signalized Crosswalk

Crossing Guard

School Zone (30 km/h; 8AM-5PM School Days)

Playground Zone (30 km/h; Dusk to Dawn)

Trail

Sidewalk

Bike Route/Lane

Truck Route (busy)

Major Road (busy)

Minor Road (less busy)

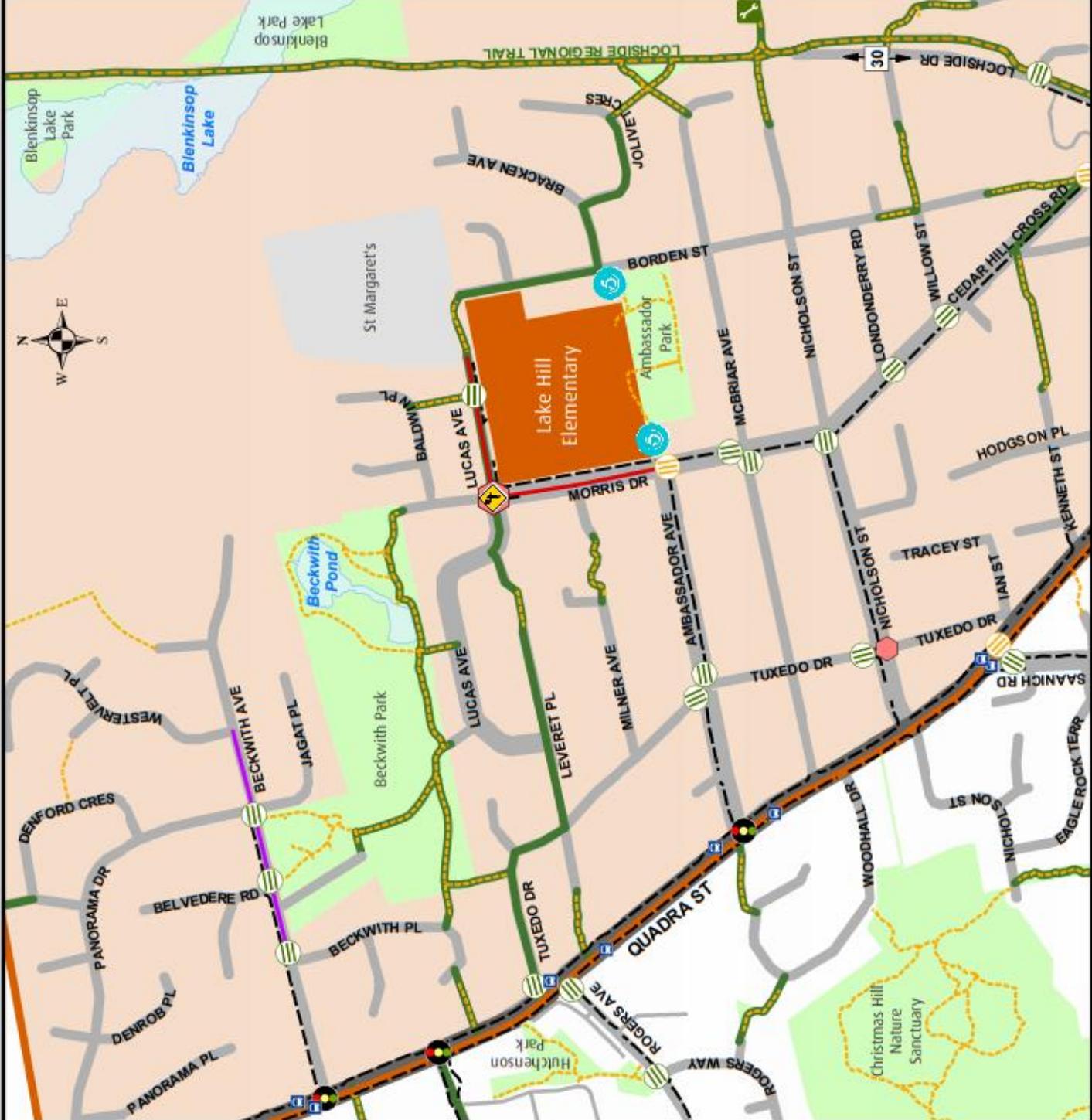
Lane (less busy)

School Catchment

Park



Important: The Capital Regional District (CRD) does not warrant or represent that the information provided in this document is accurate, complete, or up-to-date. The CRD is not liable for any loss, damage, costs, or expenses whatsoever incurred by any person or entity using or otherwise relying upon it. The use of this document by any person or entity is entirely at their sole risk.



Plan Your Route: This map was created to show the pedestrian and cyclist infrastructure in the Lake Hill Elementary school neighbourhood. Use this map to help identify the safest route for your child by selecting routes that use less busy roads and allow for safe street crossings. This map also shows Drive to S locations where parents are encouraged to park and walk approximately 5 minutes to school with their child.

PLAN YOUR ROUTE TO LAKE HILL

READY STEP ROLL
ACTIVE SCHOOL TRAVEL PLANNING

In the 2019-20 school year, Lake Hill completed the CRD's Ready Step Roll - Active School Travel Planning program to encourage and support more families to walk and wheel to school more often.

HOW DO I USE THIS MAP?

1. Using Google Maps, find the shortest route to walk or bike to school. Explore suggestions for multiple possible routes!
2. Compare the routes suggested by Google Maps to the infrastructure (i.e. crosswalks) shown on this map.
3. With your child(ren), identify and talk about:
 - Safe crossing locations and behaviours
 - Landmarks to help with wayfinding
 - Caution points along the route
 - Safe behaviours and habits
4. **Plan, Prepare and Practice with your child** to build their confidence and ability to walk and wheel to and from school with friends or independently!



WHAT IF WE NEED TO DRIVE?

Walk and wheel part way to school to skip the drop off loop line up!

1. **Use Drive to Five parking** available at Ambassador Park off Morris Dr and off Borden St (see map).
 - a. Park and Stroll - park and accompany your child on their walk to school
 - b. Kiss and Go - allow your child to walk independently to school
2. **Talk to classmates/neighbours** to see if you can arrange or join a group to drive, ride or walk with!
3. **Try walking and wheeling on a weekend...** it might be more doable than you think!



Table Key: Green shading = simple action Orange shading = high priority action

Engineering – Responsibility of District of Saanich unless noted otherwise.				
Location	Consultation Feedback	Suggested Action	Details and Rationale	Timeline
Ambassador Park at Morris Dr. Parking Lot	Confusing intersection	Apply paint to intersection <ul style="list-style-type: none"> Stop bar and Crosswalk at Ambassador Park entrance Monitor; determine if the installation of bollards are needed to improve clarity.	Align crosswalk with the north sidewalk and worn path to improve pedestrian safety at intersection.	2020
	Driving schools use parking lot for parking practice during drop-off and pick-up hours	Send letters to Driving Schools requesting use of alternative practice areas from: 8-9am and 2-3pm.	To reduce unnecessary conflicts in the parking area.	2020
	There is parking available at Ambassador Park off Morris Dr.	CRD to encourage parents to use these lots for Drive to 5 areas.	Approximately 15 spots available.	Ongoing
Ambassador Park at Borden St. Parking Lot	There is parking available at Ambassador Park off Borden St.	CRD to encourage parents to use these lots as a Drive to 5 areas.	Approximately 30 spots available.	Ongoing
Ambassador Ave. and Morris Dr. Intersection	Poor visibility due to hedge.	Request vegetation maintenance by owner.	Improved sightlines will improve safety.	2020
Ambassador Ave. and Morris Dr. Intersection	Hill affects northbound driver's sight lines before intersection.	Confirm sightlines due to hill and install speed advisory if warranted.	Improve intersection safety.	2020

Table Key: Green shading = simple action Orange shading = high priority action

Engineering – Responsibility of District of Saanich unless noted otherwise.				
Location	Consultation Feedback	Suggested Action	Details and Rationale	Timeline
Borden St. and McBriar Ave.	Poor stop sign compliance	Monitor; evaluate need for increased enforcement.	Low volume intersection.	2020
	Lack of wayfinding signage	Consider signage for Lochside Trail connection.	At intersection and McBriar Park path connection.	2021
Borden St.	Vehicle speeds during peak hours	Add School Area signs to encourage lower vehicle speeds	Encourage reduce vehicle speeds when pedestrians and cyclists are more likely to be present	2020
Lucas Ave. at Morris Dr.	Parked cars from Lucas Ct. to Lucas Ave. reduces space and visibility for pedestrians	Install Parking restrictions (8am-9am and 2-3pm) on south side of Lucas Ave between Lucas Ct and intersection.	Will improve sight lines around corner for increased pedestrian safety	2020
	Poor stop sign compliance	Review crossing guard procedures to improve intersection operations.	Parents and crossing guards state poor compliance.	2020
Lucas Ave. from Morris Dr to St. Margaret’s Entrance	Poor crosswalk compliance by vehicles	Additional school zone signs. Requested Saanich Police for additional ongoing enforcement on Lucas Ave in the school zone at both crosswalks.	Parents and crossing guards state poor compliance.	2020
	Poor visibility of pedestrians	Request vegetation maintenance at path connection by owner. Install parking restrictions on both sides of Lucas Ave. adjacent to pathway entrance.	Improved visibility will improve safety.	Completed

Table Key: Green shading = simple action Orange shading = high priority action

Engineering – Responsibility of District of Saanich unless noted otherwise.				
Location	Consultation Feedback	Suggested Action	Details and Rationale	Timeline
Lucas Ave. from Morris Dr to St. Margaret’s entrance	Parked cars in cul-de-sac turnaround during drop off and pick up hours	School administration to send out notice to remind parents of parking restrictions along Lucas Ave.	Existing No Stopping signage in cul-de-sac	2020
	Slipping hazard from gravel pedestrian trail at cul-de-sac	CRD to coordinate bike education spring 2020	Hosted by Greater Victoria Bike to Work Week Society	June 2020
		School remind students to be mindful & minimize sliding hazards for students using the trail		Ongoing
	Bollard placement too narrow at gravel pedestrian trail at cul-de-sac	Review bollard placement.	Ensure family bikes and trailers can pass.	2021
Lucas Ave. from Morris Dr. to St. Margaret’s entrance	Vehicle volumes between Morris Dr. and St. Margaret’s School	CRD to encourage use of Drive to 5 locations to reduce vehicle volumes.	Work with both school communities to reduce vehicle volumes along Lucas Ave.	Ongoing
Lucas Ave Trail connection at 976 Lucas Ave	High volume of vehicles at unmarked pedestrian crossing area	Review whether a pedestrian crossing to align with connection to Beckwith Park is warranted, consider vegetation trimming.	Increase visibility of pedestrians.	Pedestrian Crossing not Warranted. Vegetation Maintenance completed 2020
Lucas Ave. at Leveret Pl.	Inappropriate vehicle speeds at intersection	Monitor; review intersection operations.	Reduced speeds will increase safety.	Right -of-way control will be installed in 2020
	Poor sight lines	Request vegetation maintenance by owner.	Improved visibility will improve safety.	2020

Table Key: Green shading = simple action Orange shading = high priority action

Engineering – Responsibility of District of Saanich unless noted otherwise.				
Location	Consultation Feedback	Suggested Action	Details and Rationale	Timeline
Morris Dr. at Clatworthy Ave.	Request for crosswalk to prevent students from jaywalking	Review whether a pedestrian crossing is warranted.	Crossing here may be more comfortable than at the congested 4-way stop at Lucas.	Review 2020
Morris Dr.	Vehicle speeds during peak hours	Add School Area signs to encourage lower vehicle speeds	Encourage reduce vehicle speeds when pedestrians and cyclists are more likely to be present	Review 2020
Morris Dr. North of Lucas Ave	Lack of sidewalk and bike lanes	Consider providing space and/or installing “share the road” signage for cyclists and motorists. Saanich to investigate potential to redesign street section using Woonerf concept (long term).	Improve sight lines and pedestrian safety at intersection. Morris is not a cycle route.	2020
Lake Hill School Property Lake Hill School Property	Stop sign on school property at drop-off loop/parking lot exit is not obeyed	SD61 to replace existing small stop sign on drop-off loop/parking lot exit with full size stop sign	Full sized stop will look more official, encouraging exiting vehicles to come to a complete stop & look for pedestrians and cyclists.	2020
	School Bike Racks are too close to the drop off loop	SD61 to relocate bike racks to corner of school district property at Morris Dr. and Lucas Ave.	Will reduce cyclist and pedestrian traffic at drop off area	2020
	School Bike racks are crowded and uncovered in good weather	CRD – investigate partnership with high school or Camosun Collage to build covered bike shelters Expand bike parking - Ready Step Roll program will purchase and cover installation costs of 1 bike OR scooter rack	Potential for partnership with Reynolds High School to build structure . -PAC purchased bike rack RSR program will reimburse	2020

Table Key: Green shading = simple action Orange shading = high priority action

Engineering – Responsibility of District of Saanich unless noted otherwise.				
Location	Consultation Feedback	Suggested Action	Details and Rationale	Timeline
	Scooter racks are needed	PAC to fundraise to purchase and install scooter racks.		
	Vehicles parking in No Stopping Zone in drop off loop	School Administration - Send notices to request compliance from parents; inform parents of parking at Drive to Five locations.	School has increased monitoring during peak hrs.	Complete in 2019; Perform Annually

Table Key: Green shading = simple action Orange shading = high priority action

CRD's Ready Step Roll program - Education and Encouragement activities		
Activity/Timeline	Details	Involvement
<p>Walk and Wheel to School Week <i>Annually - 2nd week of October</i> <i>*2020 cancelled due to pandemic</i></p>	<p>CRD campaign - a fun and free weeklong campaign that celebrates and encourages students and their families to choose active travel for all or part of their usual commute to school. Campaign includes events, travel tracking, resources and support for schools and parents, including information on the benefits of active travel and prizes for participation.</p>	<p>October 2019 – CRD hosted this event at current RSR schools</p> <p>Optional Ongoing → schools may register annually at: www.crdwalkwheel.ca</p>
<p>Drive to 5 <i>Ongoing – Sites at Ambassador Park off Borden St and Lucas Dr</i></p>	<p>CRD initiative – Schools can identify nearby parking locations that are about a five-minute walk from the school. CRD Drive to 5 signs were provided to Lake Hill in 2019 to mark these locations.</p> <p>Families that must drive are encouraged to try parking at Drive to 5 sites before walking part way with their child to school. Once a child is ready to walk alone, parents are encouraged to try the “Kiss n’ Go” method (drop off only) at Drive to 5 locations, to help their child further develop their sense of independence and self-confidence.</p>	<p>2019-20 – CRD with school and PAC to support and promote</p> <p>Optional Ongoing → School and PAC</p>
<p>Walking School Bus <i>Optional initiative</i></p>	<p>CRD initiative – Walking School Buses can be held formally by the school/PAC or informally amongst neighbours. Formal Walking School Buses can find a designated location where parents can drop their kids off in a “Kiss and Go” setting, before walking to the school together. Where resources are limited, families can try to coordinate walking with their neighbours where possible to provide safety in numbers.</p>	<p>Optional Ongoing → School and PAC</p> <p>Additional ICBC Road Safety Resources: https://www.icbc.com/road-safety/teaching/Pages/For-educators.aspx</p>

Table Key: Green shading = simple action Orange shading = high priority action

<p>Bike Skills Courses and Bike Rodeos</p>	<p>CRD – coordination of Bike Skills Course in 2020</p> <ul style="list-style-type: none"> • 2020 opportunity to pair with provincially funded pilot program for grades 4 & 5 to improve student’s cycling capabilities (in-class skills and parking lot blacktop ride) • Greater Victoria Bike to Work Society will deliver courses at schools 	<p>Spring 2020 postponed tentatively to Fall 2020 due to pandemic</p> <p>Optional Ongoing → PAC to sponsor similar Bike Skills Course/Bike Rodeo</p>
<p>Bike to School Week <i>Annually – last week of May</i></p>	<p>Greater Victoria Bike to Work Society program held in May that encourages everyone to commute to and from school/work by bike. Multiple celebration stations are typically set up across the region during this week.</p>	<p>Spring 2020 cancelled due to pandemic</p> <p>Optional Ongoing → school may register annually at: https://www.biketowork.ca/victoria</p>
<p>Action Plan Status Update <i>Annually -- September</i></p>	<p>Annual update and check in on infrastructure improvements identified in the action plan that will be completed by Saanich municipality or School District 61 depending on budget availability and priority.</p>	<p>Annually in September – Municipality and SD61</p>
<p>School Streets <i>Optional initiative</i></p>	<p>Encourage trial of concept in partnership with St. Margaret’s school.</p> <p>Potential School Streets could include Lucas Dr (Morris Dr to St. Margaret’s entrance) or Morris Dr (Lucas Dr to Ambassador Dr)</p> <p>School Streets Guidebook: https://www.crd.bc.ca/docs/default-source/regional-planning-pdf/transportation/active-transportation/school-streets-guidebook_pages.pdf</p>	<p>Optional to try → Could be piloted by School & PAC volunteers in tandem with other PAC/School events</p>
<p>PAC - Active Transportation Committee <i>Optional Initiative</i></p>	<p>Encourage PAC to identify Active Transportation Lead/Committee to support Lake Hill Active Transportation initiatives in future years.</p>	<p>Optional Ongoing → PAC encouraged to use RSR webpage resources to guide progress at their school</p>

Consultation Data

Active School Travel Report

Lake Hill Elementary 2019/20

Key consultation findings are presented in the *Active School Travel Report– Lake Hill Elementary 2019/20*.

This appendix contains the data collected from the main sources of consultation as describe below. Please note that additional verification consultation was conducted as outlined in the main section of the report; this **qualitative data is not presented here**.

A. Hands Up Survey – Results

Collects in-class quantitative data from students by asking how students travelled to school and how they will be travelling home after school. Collected Monday May 13 – Thursday May 17 2019. The anticipated Spring “Hands Up Survey” was cancelled das schools were not in session due to Covid-19.

B. Online Baseline Parent Travel Survey – Data

Collects qualitative and quantitative data from parents to gain a deeper understanding of how students are travelling, as well as why they choose or may opt to change their travel mode. Conducted at the beginning of the program as baseline data May 13 – June 16, 2019.

C. School Neighbourhood Walkabout – Data

Collects qualitative data from public and professional stakeholders to determine infrastructure improvements. The route followed on the Walkabout is developed through the analysis of the Online Parent Travel Survey comments and results. The Lake Hill Walkabout took place on October 1, 2019, from 7:30am – 9:30am

A. Student Hands Up Survey

Date conducted: Monday May 13 – Thursday May 17, 2019 (only 4 days due to PD day)

Total students trips counted: 1089

How did you travel to and from school today?

Mode To/From	TO	FROM	Total
Bike	7.4%	7.2%	7.3%
Car	53.4%	53.0%	53.2%
Carpool	1.5%	5.0%	3.2%
Public Transit	0.0%	0.0%	0.0%
Roll	2.0%	1.3%	1.6%
School Bus	0.0%	0.0%	0.0%
Walk	30.0%	30.4%	30.2%
Walk part-way	5.7%	3.2%	4.5%
Total	100.0%	100.0%	100.0%

By Grade

Mode By Grade	K	1	1/2	2	3	3/4	4/5	5	Total
Bike	8.2%	20.4%	9.1%	1.6%	9.9%	4.4%	5.0%	1.7%	7.3%
Car	52.9%	50.0%	52.7%	54.8%	57.7%	53.3%	47.5%	55.5%	53.2%
Carpool	0.0%	3.1%	4.8%	6.5%	4.2%	3.9%	4.2%	0.0%	3.2%
Public Transit	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Roll	5.8%	1.0%	3.0%	0.0%	0.7%	0.0%	0.0%	0.0%	1.6%
School Bus	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Walk	33.2%	25.5%	28.5%	22.6%	22.5%	31.1%	35.0%	42.0%	30.2%
Walk part-way	0.0%	0.0%	1.8%	14.5%	4.9%	7.2%	8.3%	0.8%	4.5%
Total	100.0%								

By Day

Mode By Day	Mon	Tues	Wed	Thurs	Fri	Total
Bike	10.5%	4.3%	8.4%	5.4%	0.0%	7.27%
Car	50.8%	57.6%	54.7%	50.5%	0.0%	53.20%
Carpool	2.5%	3.9%	2.8%	3.7%	0.0%	3.20%
Public Transit	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Roll	1.9%	0.8%	1.4%	2.3%	0.0%	1.64%
School Bus	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Walk	32.4%	29.0%	26.8%	32.1%	0.0%	30.19%
Walk part-way	1.9%	4.3%	5.9%	6.0%	0.0%	4.50%
Total	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%

B. Online Parent Survey

Date conducted: Monday, May 13 – Sunday, June 16, 2020

Total number of surveys received: 39

“How far away does the student live from school?”

Distance	Count of How far away from the school does the student live?
Less than 0.5 km	34.6%
0.5 to 1.5 km	53.8%
1.6 to 3 km	7.7%
Over 5 km	3.8%
Grand Total	100.0%

“How far away does the student live from school?” (Sorted by travel mode)

	Less than 0.5 km	0.5 to 1.5 km	1.6 to 3 km	3.1 to 5 km	Grand Total
Active Travel					
Bicycle	33.3%	42.9%	0.0%	0.0%	34.6%
Walk part of the way (at least one entire block)	11.1%	0.0%	0.0%	0.0%	3.8%
Walk the whole way	44.4%	42.9%	0.0%	0.0%	38.5%
Car					
Car (just your family)	11.1%	14.3%	100.0%	100.0%	23.1%
Grand Total	100.0%	100.0%	100.0%	100.0%	100.0%

“How does your child(ren) usually travel *TO* school?”

	Count of Mode To School
Active Travel	
Bicycle	34.6%
Walk part of the way (at least one entire block)	3.8%
Walk the whole way	38.5%
Car	
Car (just your family)	23.1%
Grand Total	100.0%

“How does your child(ren) usually travel *FROM* school?”

	Count of Mode To School
Active Travel	
Bicycle	30.8%
Walk part of the way (at least one entire block)	3.8%
Walk the whole way	30.8%
Other	3.8%
Car	
Car (just your family)	30.1%
Grand Total	100.0%

“How would you prefer to travel to school?”

Preferred Mode	Count of Refereed Mode
Bicycle	64.0%
Car (just your family)	4.0%
Walk the whole way	32.0%
Grand Total	100.0%

“Why do you currently drive to/from school?”

Reasons Driven To School	Count
Sum of Reason Driven Distance from home is too far	2
Sum of Reason Driven_Convenience/time pressures	8
Sum of Reason Driven_Traffic danger/concerns	4
Sum of Reason Driven_Weather	0
Sum of Reason Driven_Lack of equipment (e.g. bicycle)	0
Sum of Reason Driven_Personal safety concerns	1
Sum of Reason Driven_Lack of interest in walking/wheeling	0
Sum of Reason Driven_Age of student	4
Sum of Reason Driven_Physical disability or health limitations (self or child)	0

What would encourage you to let your child(ren) walk to/from school?”

Would encourage walking if...	Count
Sum of Encourage Walk_Continuous sidewalks/trails	11
Sum of Encourage Walk_Lower vehicle speeds	8
Sum of Encourage Walk_Lower vehicle traffic volumes	7
Sum of Encourage Walk_Additional marked crossings	7
Sum of Encourage Walk_Increased lighting	0

“What would encourage you to let your child(ren) bike to/from school?”

Would encourage biking if...	Count
Sum of Encourage Bike_Connected bicycle infrastructure	6
Sum of Encourage Bike_Lower vehicle speeds	6
Sum of Encourage Bike_Less vehicle traffic	10
Sum of Encourage Bike_More street crossing for bikes	3
Sum of Encourage Bike_More lighting	0
Sum of Encourage Bike_Secure/covered bike parking at the school	10
Sum of Encourage Bike_Better cycling skill/capability of my child	3

“What would encourage you to let your child(ren) walk & wheel to/from school?”

I will encourage walk and wheel by	Count
Sum of Will Encourage_Identifying the most appropriate routes	20
Sum of Will Encourage_Ensuring my child's bike is in good working condition	20
Sum of Will Encourage_Making sure my child has clothing to walk or ride in the rain	19
Sum of Will Encourage_Practicing walking or biking with my child to school on a weekend	17
Sum of Will Encourage_Parking five minutes away from school and walking the rest of the way	6
Sum of Will Encourage_Volunteering to organize events such as a Walk to School celebration	4

Sum of Will Encourage_Registering for a bike skills course

9

“What motivates you to use active travel?”

What Motivates me to AT	Count
Sum of Motivates_Getting physical activity/exercise	23
Sum of Motivates_Environmental benefits	19
Sum of Motivates_Saving time	4
Sum of Motivates_Safer than driving	1
Sum of Motivates_More convenient than driving	9
Sum of Motivates_More fun than driving	14
Sum of Motivates_Cheaper than driving	10
Sum of Motivates_Setting a good example	19
Sum of Motivates_Not having to worry about parking	13
Sum of Motivates_Spending time outside	25
Sum of Motivates_Spending time with other people	10

Does your child own a suitable bike?

	Count of Suitable Bike Child
No	3.85%
Yes	96.15%
Grand Total	100.00%

Do you (the parent) own a suitable bike?

	Count of Suitable Bike Child
No	3.85%
Yes	96.15%
Grand Total	100.00%

“Would you allow your child to walk or bike to/from school?”

Row Labels	Count of Allow Walk/Bike
No	3.85%
Yes	96.15%
Grand Total	100.00%

Distribution of travel modes in students in grades K-5

Grade by Mode	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Total
Active Travel							
Bicycle	33.33%	50.00%	50.00%	37.50%	33.33%	0.00%	34.62%
Walk part of the way (minimum 1 block)	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%	3.85%
Walk the whole way	33.33%	25.00%	0.00%	50.00%	33.33%	66.67%	38.46%
Car							
Car (just your family)	33.33%	25.00%	50.00%	0.00%	33.33%	33.33%	23.08%
Grand Total							

Mode by Gender	Female	Male	Grand Total
Active Travel			
Bicycle	60.00%	18.75%	34.62%
Walk part of the way (at least one entire block)	0.00%	6.25%	3.85%
Walk the whole way	40.00%	37.50%	38.46%
Car			
Car (just your family)	0.00%	37.50%	23.08%
Grand Total	100.00%	100.00%	100.00%

Distribution of travel modes used by students compared to distance travelled to/from school

Mode to School						
Distance	Bicycle	Walk part of the way	Walk the whole way	Car	Carpool	Grand Total
Less than 0.5 km	33.33%	11.11%	44.44%	11.11%	100.00%	33.33%
0.5 to 1.5 km	42.86%	0.00%	42.86%	14.29%	100.00%	42.86%
1.6 to 3 km	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%
3.1 to 5 km	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%
Over 5 km	33.33%	11.11%	44.44%	11.11%	100.00%	33.33%
Grand Total						100.00%

Safety concerns sited regarding route to/from school at top three locations:
(Edited for privacy)

Lake Hill Elementary

Locations

- Lucas (12) – traffic volumes at pick up and drop off (inc. St. Margaret’s traffic) (5), no sidewalk (Morris to Tuxedo) (3), traffic speed (2), at Morris (vehicle speeds, tight corner, cars park too close to north stop sign, vehicles not stopping) (2), crossing (no crossing guard, no light, vehicles don’t stop), no sidewalk on one side, crosswalk in front of school (trim bushes and restrict parking to increase visibility of students exiting pathway),
- Borden (3) – Vehicle speeds, uncontrolled intersection (at Nicholson) (2)
- Morris (3) – Vehicle speeds in school zone, at Ambassador (very busy, high hedge, hard for kids to push the button, drivers don’t pay attention)
- McBriar (2) – No sidewalk, vehicle speeds (no stop side at Borden)
- Quadra (2) – Vehicle volumes, request for designated bike lane
- Tuxedo – No sidewalk (2), vehicle speed (2)
- Beckwith – Sidewalk ends at Panorama Dr
- Beckwith Park – personal safety
- Clatworthy – request for marked crosswalk at Borden (I think they mean Morris)
- Cedar Hill Cross – Blind driveways, no sidewalk on east side, no bike lane
- Mackenzie – Traffic volumes

General comments regarding challenges and opportunities for active transportation at Rogers:
(Edited for privacy)

- Request for bike racks (secure, covered) (7)
- Many routes to school do not have sidewalks
- No cycling infrastructure
- Concern about child travelling along
- Challenge of having to drive younger child to daycare
- More events to encourage more biking and walking
- Have St. Margaret's encourage alternative transportation for older students

C. School Neighbourhood Walkabout

Date conducted: October 1, 2019 7:30-9:30am

Total number participated: 12

Attendees: Elaine McVie (Lake Hill Administration), David Williams (Saanich Engineering), Lauren Hermansson (Saanich Engineering), Alanna Cooke (Saanich Planning), Mike Goldsworthy (Saanich Parks), Aaron Foster (SD61 Facilities), Kalyn Sarkany (Lake Hill PAC), Parent Representation, Jay Douillard (CRD), and Colby Heddon (CRD)

Walkabout Discussion Point 1: Morris Dr at Ambassador Ave

Existing infrastructure/mitigation efforts:

- Raised cross walk with flashing pedestrian lights
- Small parking lot at Ambassador Park

Issues Identified:

- Uncontrolled intersection from Ambassador Park Parking Lot (no stop sign or stop bar)
- Hedge trimming required at 999 Ambassador Ave Residence to improve visibility
- Multi-use lot – driving schools often use area for practice, concerns about student awareness while maneuvering through parking lot

Potential Solutions:

- Letters can be sent to Driving Schools regarding their use of the parking lot for driver training
- Property Owner at 999 Ambassador Ave
 - Letter can be sent to owner requesting the trimming of the hedge to align with current Saanich Bylaws
- Paint application to intersection
 - Stop bar at Ambassador Park entrance
 - Cross walk from Morris Rd sidewalk across Ambassador Park entrance
- Promote as a Drive to 5 location for parents to use
 - Mitigates congestion along Lucas Ave
 - Possible addition of bollard infrastructure

Walkabout Discussion Point 2: Morris Dr at Lucas Dr

Existing Infrastructure/mitigation efforts:

- Two crossing guards during drop off/pick up times
- Two Painted crosswalks and 4-way stop sign

Issues Identified:

- Congestion during pick up/drop off – vehicles rolling through stop signs, ignoring crossing guards, impatience in drivers
- Lack of sidewalk along Morris Dr (north of intersection)
- Vehicles parking/stopping too close to intersection -- impacts visibility
- Parking on both sides of street on Lucas Ave and Morris (north of intersection)

Potential Solutions

- Extend sidewalk along Lucas Ave
- Addition of no parking signs on one side of Morris Ave
 - Barrier: reduced parking for residents; could be no parking between certain times
- Addition of Single File Road Share Signs for cyclists and vehicles
- Relocate Bike Racks to corner of School Property at Morris/Lucas pedestrian entrance
- Minimizes potential pedestrian contact with vehicle traffic along Lucas Ave and drop off loop entrance area

Walkabout Discussion Point 3: Lucas Dr to St. Margaret's Entrance

Existing Infrastructure/mitigation efforts:

- Raised crosswalk

- Partial no stopping signage along Lucas Ave
- Partial sidewalk infrastructure on school district property and municipal property

Issues Identified:

- Pinch point created from vehicles parking in legal zones
 - Creates limited visibility for pedestrians
 - Passengers exiting on driver's side are at risk of collision with vehicle traffic
- Vehicles not stopping for crosswalk
- Hedges limiting visibility from crosswalk entrance
- High speeds from student cyclists approaching crosswalk
- Municipal sidewalk infrastructure on Lucas directs pedestrians towards traffic

Potential Solutions

- Letters to be sent to 1050 Lucas Ave to request hedge trimming
- Review potential parking restrictions to alleviate pinch point/visibility issues
- Bike Education around dismounting at crosswalks for students
- Reconfiguration of Municipal sidewalk/parking on Lucas to create a pathway away from traffic

Other Issues and Possible Solutions:

- Additional signage along Borden – allow for parking on one side only
- Beckwith Park at Lucas Ave – addition of crosswalk

	Lake Hill Elementary School
	Other Schools
	Traffic Signal
	Marked Crosswalk
	Signalized Crosswalk
	School Catchment
	Park
	Waterbody
	Road
	Sidewalk
	Trail

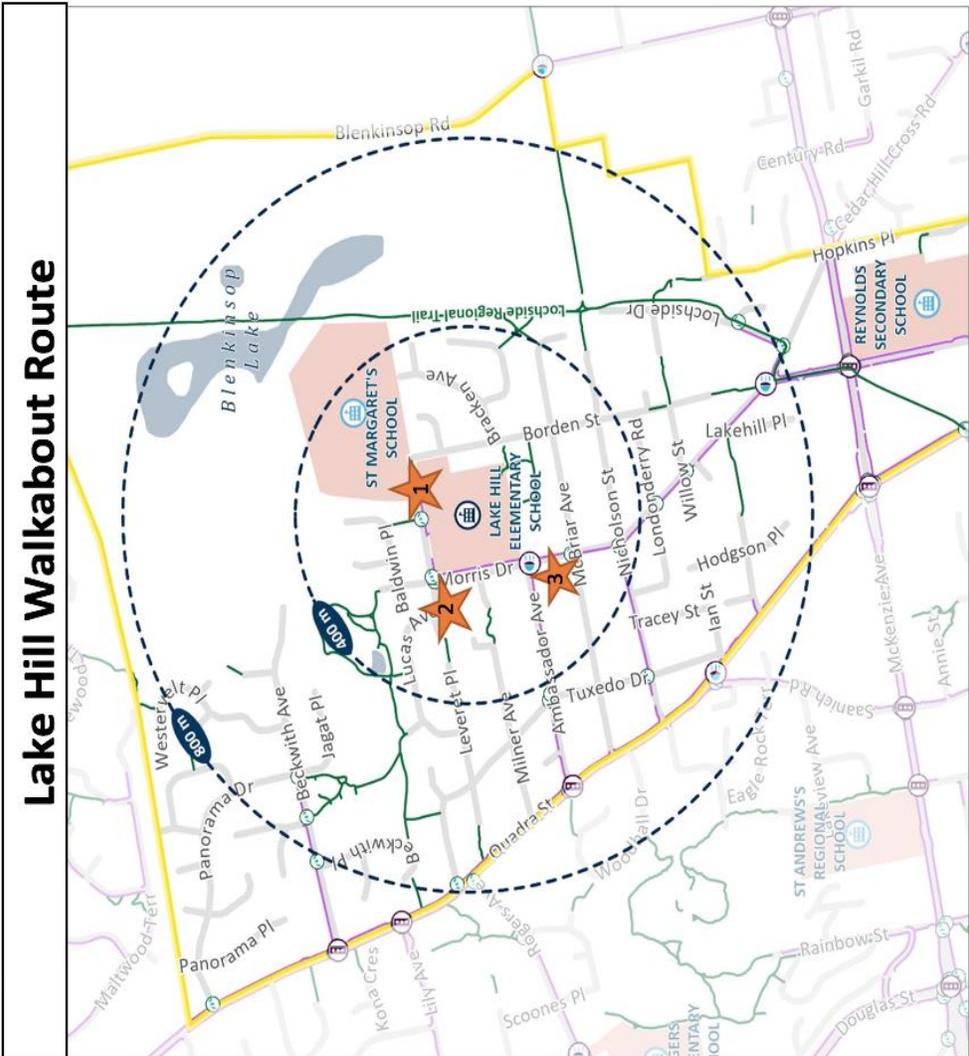
Route Order:

Meet at Front Doors

1 – Lucas Ave

2 – Lucas Ave X Morris Dr

3 – Morris Dr X Ambassador



Key locations of concern identified in the on-line survey:

- Lucas Ave – traffic volumes/speeds at drop off/pick up locations, no sidewalk (Morris to Tuxedo)
- At Morris – traffic volumes/speeds
- Bike Rack Location – too close to road, adding congestion to drop off/pick up location

The 6 E's of Active School Travel

Appendix D: Online Resources for School Communities



WHAT ARE THE 6 E'S OF ACTIVE SCHOOL TRAVEL PLANNING?



EQUITY

Ensures that the RSR program is benefiting all regional demographics groups, with particular attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.



EVALUATION

Collect data and user insights to understand school-neighborhood travel context, to identify appropriate approaches, opportunities to improve the effectiveness of an approach for respective school communities while monitoring changes over time.



ENGINEERING

Make physical improvements to the streetscape and built environment to improve the walk-ability and wheel-ability of a given area, with a focus on the immediate school-neighbourhood, common/high-use routes, and on school property.



ENFORCEMENT

Increase awareness and compliance of traffic laws, parking regulations, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.



EDUCATION

Change perceptions of active travel and support programs to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk or wheel to and from school.



ENCOURAGEMENT

Support continued participation by promoting walking and wheeling to students and families as a fun, easy, practical, and inclusive way to get to and from school.

THE 6 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING



The 6 E's of Active School Travel Planning – Resources for School Communities is an [online resource](#) which provides schools with the ideas, tools and activities needed to build and support the ongoing internal capacity needed to continue a school-wide active travel culture.

The 6 E's Approach to Active Travel aims to be a comprehensive, integrated and sustainable strategy to build school-neighbourhoods that are walkable and wheelable for all ages and abilities, by mitigating and addressing barriers preventing accessible active travel.

Students, families, educators, and Active Travel School Leaders are encouraged to [access the resources online](#) through the [Ready Step Roll webpage](#) to support school community equity, education, and encouragement active travel initiatives, while complimenting evaluation, engineering, and enforcement actions facilitated by local government engineers, the CRD and community partners.

Visit our webpage to learn more about the [6 E's approach to active travel](#) with tips, tools and ideas to support active travel at your school!

6 E's of Active Travel

The 6 E's of active travel describes the multi-faceted approach used by Ready Step Roll to build capacity within school communities after they have completed the program. The resources below have been developed as part of the Ready Step Roll program, but all resources have been made available for public use in all regional school communities.

Education	Equity	Evaluation	Engineering	Enforcement	Encouragement
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With the right training, students can walk and wheel to school more often while enjoying increased physical skill sets and self-confidence. School communities learn about active travel benefits and caution points through road and traffic safety education and bike skills courses, developed in partnership with police, ICBC, and local non-profit organizations.

- 1. Road Safety Scavenger Hunt**- Keep your eyes peeled! This resource challenges families to find different infrastructure, traffic signs, special vehicles, and neighbours while you walk through your community. Use it to teach your child about traffic safety or to change up your daily walks.
- 2. Move your Feet on the Street Challenge** - How many ways can you move on your street? We're challenging kids to travel their "home stretch" using as many different forms of active transportation as possible. Includes a warm up brainstorming activity, followed by hands-on learning and finally, thematic-podcasts to help kids wind down after moving.
- 3. Ready Step Roll Bingo** - On your marks, get set, BINGO! Challenge family members to be the first player to complete a line on their bingo card while performing different strength building movements, exercises, and stretches to help stay active at home.
- 4. Backyard Adventure Course** - Get creative and see how you can move through your homemade obstacle course! This resource includes ideas on how to transform common household objects and toys into different obstacles for kids to maneuver through in the driveway, backyard, or even the living room!
- 5. Physical Literacy Resource List**- a growing master list containing links to websites with ideas and activities to help keep kids active while they develop personal physical literacy. This list will continue to be updated.
- 6. ICBC Road Safety Resources for Teachers**

[Equity »](#)