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# SCHOOL TRAVEL PLAN

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## Summit Middle School



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## School Travel Planning in the City of Coquitlam

The purpose of this report is to 1) outline the need for sustainable active school transportation at Summit Middle School; 2) determine the barriers to active transportation, which are defined as walking, cycling and the use of transit for trips to and from school; and 3) develop a School Travel Plan, which includes an Action Plan describing infrastructure improvements as well as education and encouragement measures aimed at decreasing the number of car trips and increasing the number students using active modes of transportation. Baseline and follow-up surveys were conducted, including a school walkabout, to learn the transportation habits of, and to assess barriers and concerns for Summit Middle School and its community.

### Background

The City of Coquitlam initiated a partnership with TransLink and co-funded the TravelSmart program in 2014 to promote sustainable and active transportation.

As part of the 2014- 2018 capital budget deliberations, Council initiated a multi-year program called Middle School Walk-Bike Ability. The goal of the program was the improvement of the walking and cycling environment around middle schools to facilitate and encourage active transportation for Coquitlam students. The promotion of active and sustainable transportation is a key goal of Coquitlam's Strategic Transportation Plan as approved by Council.

There are two phases to the program:

### Scale

The scale of the program targets eight Middle Schools. Summit Middle School began the School Travel Planning process in September 2014 and completed the process in November 2015.

There are two phases to the program:

#### **Phase 1:**

Part 1: Needs Assessment - engaging students, parents and school administrators in the process of developing a School Travel

Plan - Action Plan to help identify potential barriers to walking, cycling and the use of transit to and from the schools, leading to the identification of potential packages of infrastructure improvements.

Part 2: Outreach – education and promotion for students, teachers, school administrators and parents about the different travel options for getting to and from school.

### **Phase 2:**

In 2015, representatives from the City of Coquitlam, School District, parents, TransLink's TravelSmart program, HASTe, ICBC, Fraser Health, and HUB Cycling participated in a series of walkabouts with the purpose of identifying key travel issues and developing an action plan that includes infrastructure and traffic operational improvements.

## **School Travel Planning**

School Travel Planning (STP) is a community-based planning process that has been used with success to date in communities across Canada to increase the number of families choosing active transportation modes to get to and from school. School Travel Planning uses a collaborative approach, working to involve all relevant stakeholders and enable communities to tackle the root causes of their school's transportation challenges and take action on realistic and attainable solutions to address these barriers.

School Travel Planning combines transportation demand management principles with school engagement activities to encourage more active and sustainable school travel. The process is designed to address both attitudinal and infrastructural barriers in an effort to improve the health and well-being of individuals, communities, and the environment while decreasing traffic congestion around schools.

Key benefits of School Travel Planning are:

- Improved health and fitness of students
- Reduction in traffic congestion
- Improved traffic safety
- Reduction in pollution
- Improved air quality

HASTe, the Hub for Active School travel, provides professional services for the implementation of the STP process for the City of Coquitlam. HASTe has been implementing School Travel Planning since 2009, and is part of the Canadian Active & Safe Routes to School Partnership.

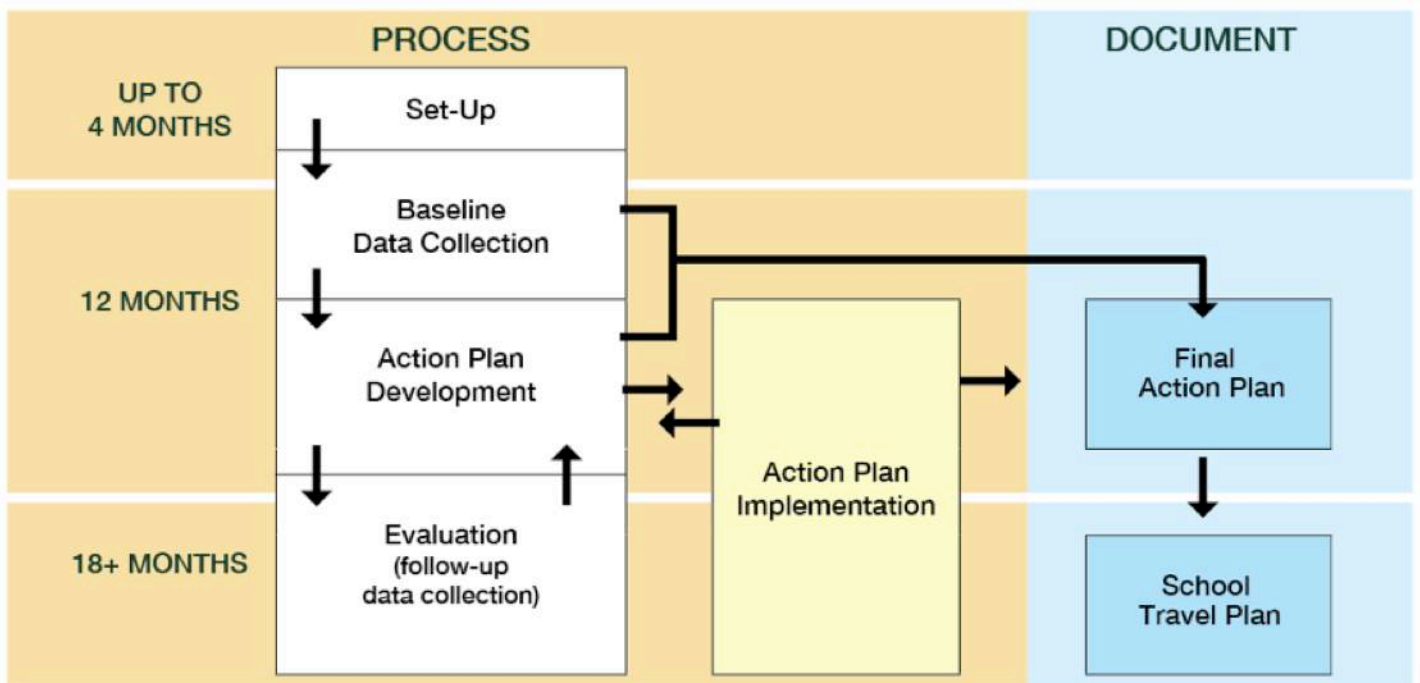
## About the School Travel Plan

The School Travel Plan is the final delivery component of the School Travel Planning process. It is a living document belonging to the school. It can be revisited regularly in order to update the status of Action Plan items and/or incorporate future evaluation findings.

## Recommendations

Recommendations for increasing participation in sustainable active transportation include engaging students, parents and school administrators in the process to develop a School Travel Plan and Action Plan; including the identification of potential infrastructure improvements, and educating students, teachers, school administrators and parents about the different options of getting to and from school.

### ▼ School Travel Planning Process



## About Summit Middle School

Summit Middle School (hereinafter Summit) is a part of School District 43 and is located at 1450 Parkway Blvd. in the Westwood Plateau of Coquitam. The school neighbourhood has a WalkScore of 51/100, a transit score of 46/100, and a bike score of 21/100. Each score is a measure of neighbourhood accessibility and often an indicator of community health and well-being (walkscore.com).

Summit offers a full program of academics with a focus on community sport and recreation. It is a public school serving grades 6-8 and has a student population of 701 (Fall 2016). The catchment area is comprised of mainly single-family homes. On the school grounds there are 56 staff parking spaces and 2 handicapped spaces. There are two bike racks located at the school's entrance with storage for approximately 12 bikes.

During school pick-up and drop-off the school's parking lot is heavily congested with vehicles and has been an ongoing concern for families and school administration for many years. Approximately 400 vehicles enter the parking lot every morning to drop off their children.

The school is situated near the top of a very steep hill and families need to travel farther distances to reach the school which factors into a number of Summit's on-going travel challenges. Parents are less inclined to allow their children to walk or cycle because of these factors.



## Data Collection Methodology

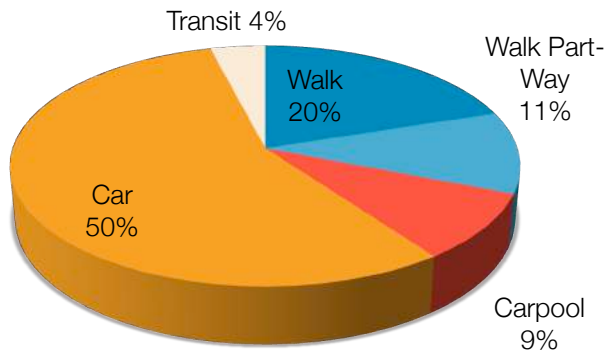
School travel data was collected using a variety of methods:

- Student hands-up baseline surveys
- Student hands-up follow-up surveys
- Family take-home baseline surveys
- Family take-home follow-up surveys
- School travel walkabout

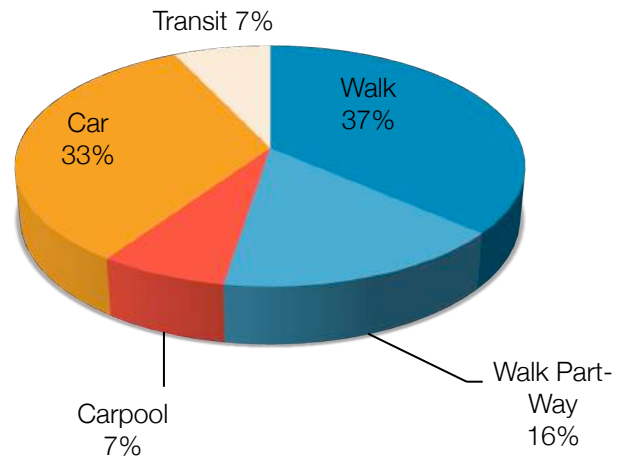
## Hands-Up Baseline Data Collection

Baseline hands-up surveys and family take-home surveys were conducted in November 2014. Twenty-three divisions from grades 6-8 participated in the hands-up survey process. Classroom teachers recorded travel mode daily over a one-week period. Results of this survey can be found below.

## Hands-Up Survey Results



▲ Travel mode TO school (Nov. 2014)



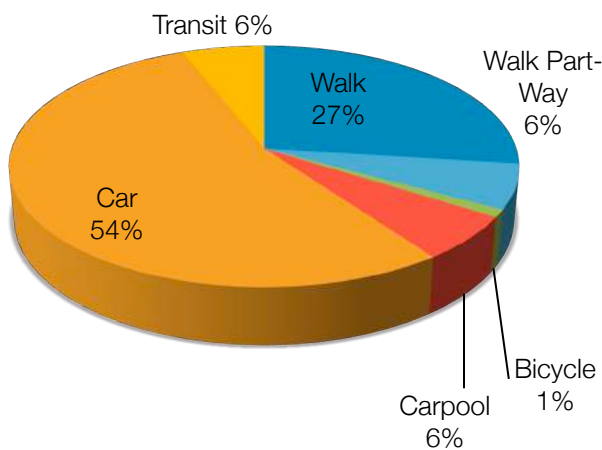
▲ Travel mode FROM school (Nov. 2014)

### Family Survey Baseline Data Collection

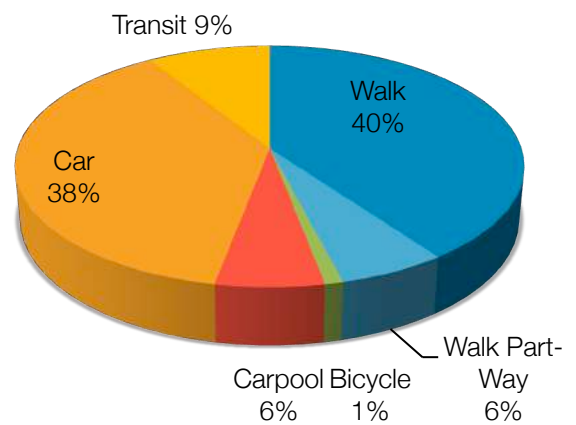
In November 2014, students were sent home with a family take-home survey. Families were to complete and return the survey to school within one week. For a copy of the baseline family survey, please see Appendix A.

At Summit, 194 out of 701 families (28%) completed the survey. 91% of these families supported School Travel Planning efforts at the school. Other notable findings are presented below.

### Family Take-Home Survey Results



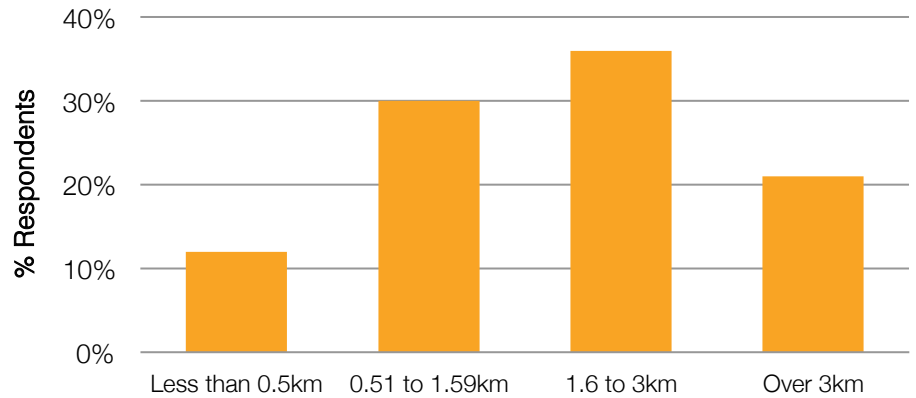
▲ Travel mode TO school (Nov. 2014)



▲ Travel mode FROM school (Nov. 2014)

### Distance to School

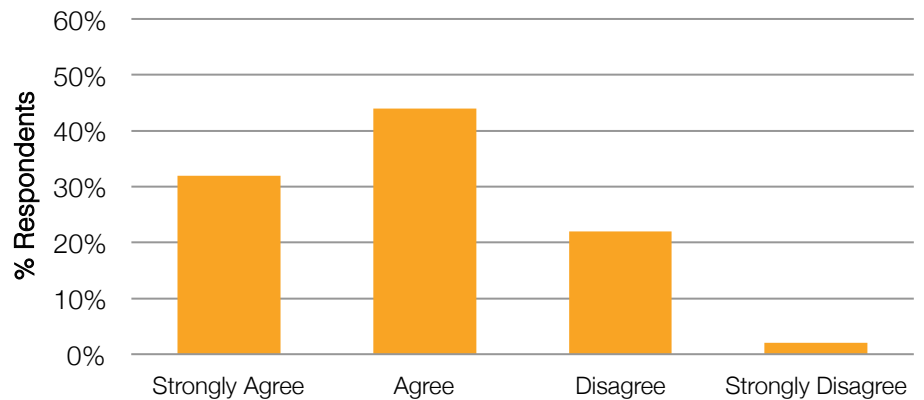
57% of families live farther than 1.6km of the school of which 70% are driving their children to school. 41% of families who live within 1.6km of the school are driving.



#### ▲ How far away do you live from school?

### Walking & Cycling Safety

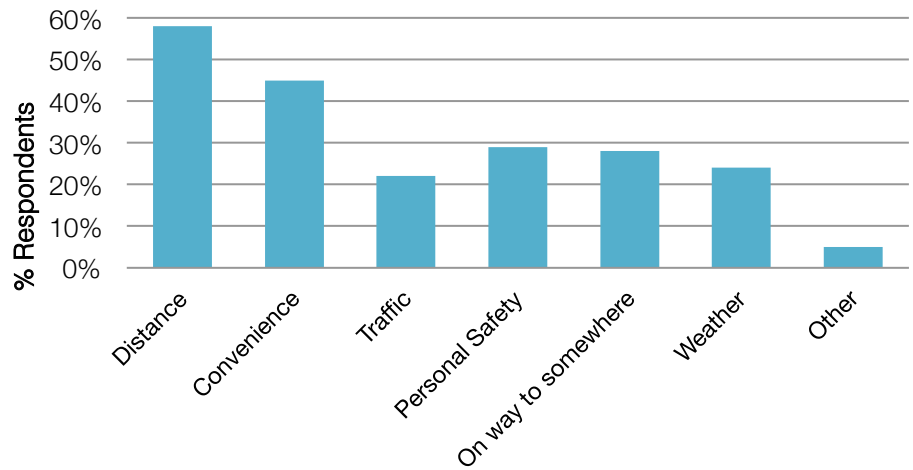
78% strongly agree or agree that their neighbourhood is safe for children to walk or cycle to school. 22% disagree or strongly disagree.



#### ▲ Our neighbourhood is safe for children?

### Reasons for Driving

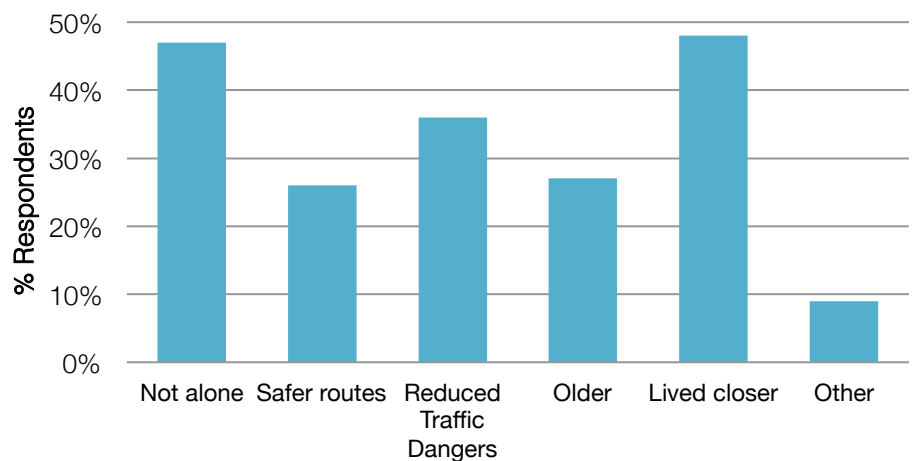
When asked why their children were usually driven to school, respondents indicated “distance” (58%), “convenience” (45%), and “personal safety” (29%) as the top three reasons.



### ▲ Reasons for driving to child to school

### Conditions for Walking

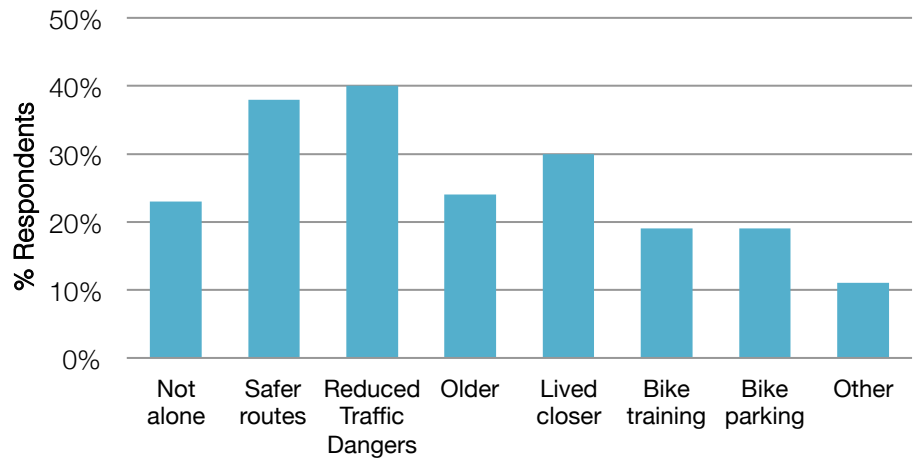
Families who drove their kids to school suggested that they would allow their child to walk to school if, “they lived closer” (48%), “they did not walk alone” (47%), “there were reduced traffic dangers” (35%).



### ▲ I would allow my child to walk to school if...

### Conditions for Cycling

Families who drove their kids to school suggested that they would allow their child to cycle to school if, “there were reduced traffic dangers” (40%), “there were safer routes” (38%), and “they lived closer” (30%).



**▲ I would allow my child to cycle to school if...**

### Walkabout Baseline Data Collection

In 2015, key stakeholders from the community participated in a series of walkabouts, with the purpose of identifying issues and developing an action plan. These stakeholders included School District 43, ICBC, TransLink/TravelSmart, Fraser Health, HUB Cycling, City of Coquitlam staff, Summit parents and students, and the school’s principal.

The Summit school walkabout took place on March 5<sup>th</sup>, 2015. Observations made on the walkabout informed the Travel Challenges section, Best Routes to School Map and the Action Plan (Appendix A). For the walkabout handout see Appendix B.

## Travel Challenges Summary & Walkabout Areas of Concern

This section highlights the main travel challenges as identified by Summit families through the take-home baseline surveys, school walkabouts and at PAC meeting consultations. Based on its location within the neighbourhood and the existing street configuration, Summit experiences on-going traffic related challenges. The Action Plan found in Appendix A provides a list of all upcoming or completed actions taken to address many of these issues.

### 1.

#### Vehicle Congestion in the School Parking Lot

Summit's parking lot located at the front of the school attracts a significant amount of vehicle congestion in the morning and afternoon. It has been an ongoing concern for school administration and for families for many years. According to family take-home survey results 61% of students are driven to school, equivalent to approximately 427 cars.

In order to help manage the congestion, school administration and the PAC have created a list of parking lot Do's and Don'ts which is available from the school's website. However, during the school walkabout many drivers were observed to be disobeying the rules. In particular, vehicles would stop in the "no stopping" lane causing a steady backup of cars out the parking lot entrance and onto Parkway Blvd.

The school did establish an alternative pick up day once a month at a location that forced drivers to pick up their children away from the front of the school. As reported by the principal at the time it was an effective means to reduce congestion in the parking lot. However, the program ended last year and



▲ Summit 's pick-up and drop-off area

nothing has replaced to date.

The City of Coquitlam supports promoting alternative travel such as walking, cycling and transit. Information regarding these modes of travel should be provided to the school and distributed to families.



▲ **The “P” icon indicates the Park n’ Walk located at the Northside Church**

## 2.

### Develop Park n’ Walk Options

Establishing park n’ walk options for drivers help to alleviate the congestion at the front of the school. This solution was discussed during the school walkabout and in which the health benefits to children was highlighted. HASTe staff has a number of discussions with management at the Northside Church, which is located west of the school at David Ave. & Lansdowne Dr. The church is willing to consider offering the use of their parking lot during the morning as an alternative drop-off location. The walk along David Ave. from the church is an attractive multi-use bike and pedestrian lane and takes about 7 minutes by foot.

The church park n’ walk location is highlighted on the Best Routes to School map. However, school administration will need to ensure the option is still available year after year and update the map accordingly.

### 3.

#### Make Biking to School More Attractive

Bicycle mode share at Summit is quite low (less than 1%) but there are improvements that can be made. During discussions with school administration it was noted that bike parking at Summit was not optimal. The existing racks are out-dated and do not allow bikes to be securely locked to the frame. Updating the racks with a newer design would accommodate more bike storage and better secure parking. This would provide a better option for those who would prefer to ride. HASTe staff presented a number of bike parking options to the PAC, including a proposal and budget for sourcing and installing brand new bike racks.



- ▲ It is difficult to properly lock a bike to the existing rack



## School Travel Planning Action Plan

### Traffic Operations Improvements

The City of Coquitlam engineering staff reviewed the school walkabout report, cross-referencing its findings with existing studies, programs and projects. The following is a list of the traffic operational improvements that supplement the improvements made as part of the Middle School Walk-Bike Ability program. These improvements to the pedestrian network are intended to promote sustainable and active transportation.

#### Johnson St. & Parkway Blvd.

- **Completed.** The signal timing for the northbound lane was increased during the morning period (between 8am and 9am) to improve traffic flow.
- **In Progress.** The City has conducted an evaluation of the intersection and the Petro Canada gas station access operations and will be signaling the east leg. The design has been completed and installation is scheduled for 2017.

#### Congestion in Summit's school parking lot

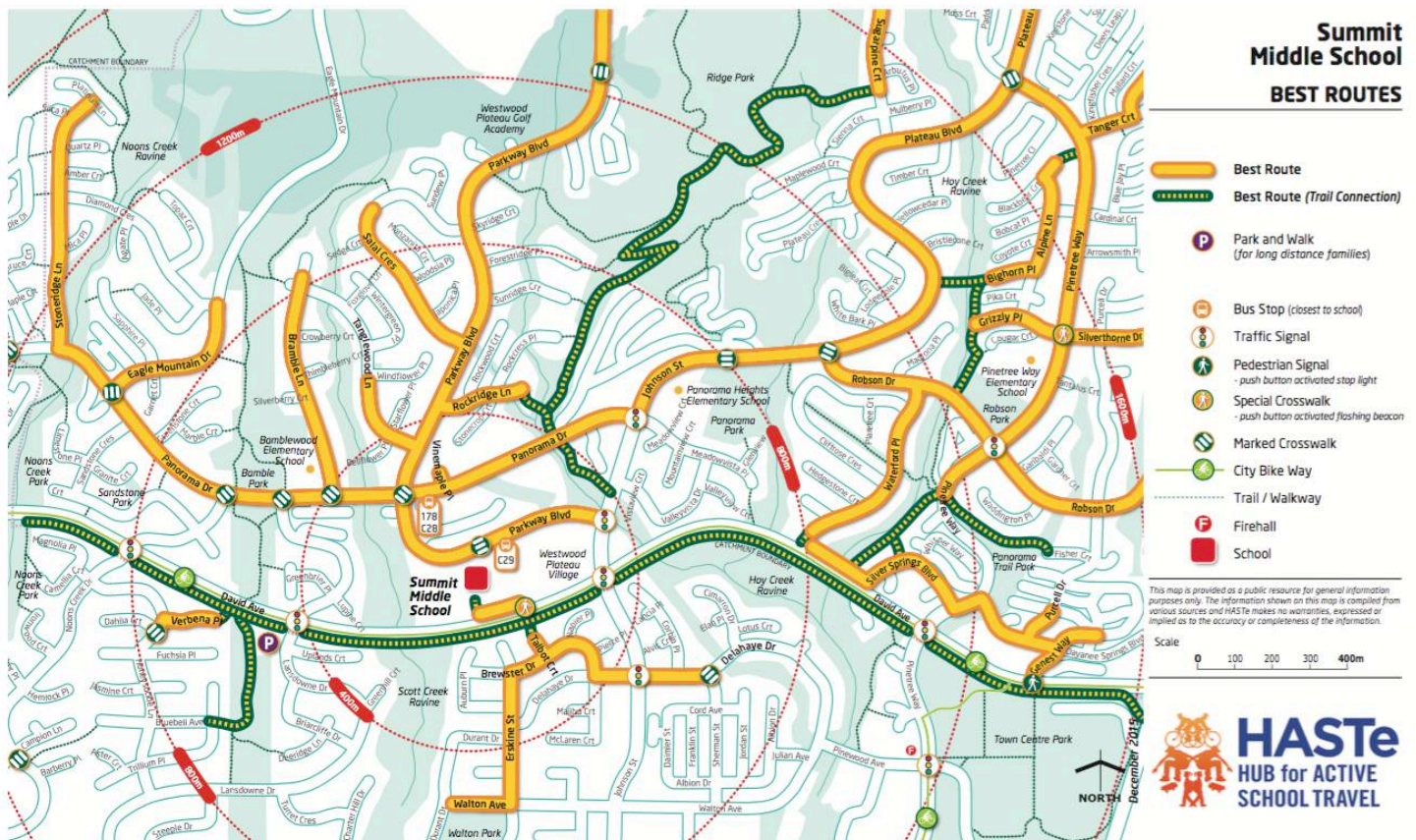
- **Completed.** The City has worked with HASTe to distribute Best Routes to School Map that identifies alternatives to driving to and from school (i.e. walking, cycling and transit). School administrators can use this map to encourage the use of these alternative modes, which will in turn reduce vehicle demand and congestion in front of school.

## Education & Engagement

### Best Routes to School Map

A Best Routes to School Map was developed from baseline family take-home surveys and information collected on the walkabout, and in consultation with the PAC. Copies of the map were printed and distributed to families in September 2016 and will also be accessible online through the school's website. The distribution of the Best Routes to School Map helps to provide information to families on alternative modes to driving while highlighting the benefits of walking and cycling.

### ▼ Summit Middle School - Best Routes to School Map



## TravelSmart Youth Engagement Program

As part of the School Travel Planning initiative, the TravelSmart Youth Engagement Program worked with nine leadership students from the traffic safety team.

- Students learned about STP and youth's role with the process.
- Students learned about the benefits of making active transportation choices.
- Students worked in small writing groups to develop content for their full school assembly.
- Students developed colourful posters to hang throughout the school to promote the Active Travel Lemonade Event.
- Students developed a PowerPoint presentation and script to promote safe and active travel to school.

TravelSmart youth leaders participated in a launch assembly on April 10, 2015. Students performed a moving spoken word and hosted a TravelSmart Game Show where teachers and students were invited to be contestants.

The school also participated in a Walk n' Roll Event on April 14<sup>th</sup> and June 9<sup>th</sup>, 2015. Lemonade was served to all students who walked or rolled to school that morning. "I love walking, transit and biking" stickers were given out to all students.



▲ TravelSmart tent set up during a Walk n' Roll event, April 2015.



▲ Students were rewarded if they walked or cycled to school on Tuesdays.

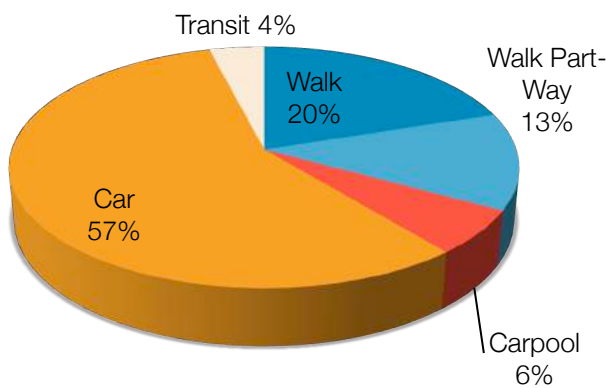
### Hands-Up Follow-Up Data Collection

School travel follow-up data was collected through two methods: student hands-up surveys and family take-home surveys both of which were collected approximately one year after baseline data collection. Ideally, follow-up data collection occurs after 1.5 to 2 years, which allows interventions and programming developed during the STP process to have a greater impact on travel behaviour at the school.

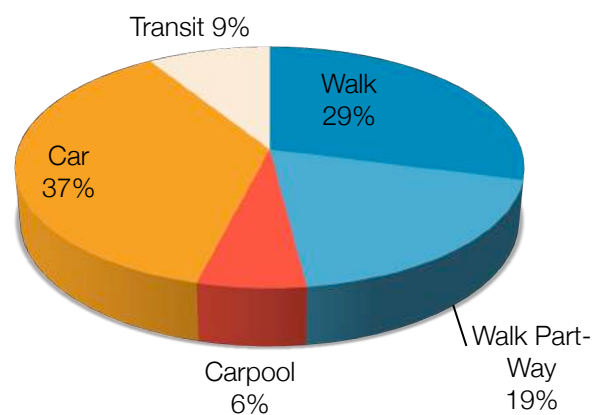
Twenty-four divisions from grades 6-8 participated in hands-up surveys during the week of November 16<sup>th</sup>, 2015. Results were compared with baseline data, and indicated only small changes in travel mode *to* school. As indicated in the charts below, carpooling decreased by 3%, which was the most significant shift, otherwise travel mode share remained relatively the same across the board.

For the *after* school trip, there was a 7% drop in the number of students walking but a 3% increase in the number of students walking part-way. There was a 2% increase in transit as well. Targeted information sent home to families about the park n’ walk options and transit alternatives may have had an impact for the shift for these particular travel modes.

### Hands-Up Follow-Up Survey Results

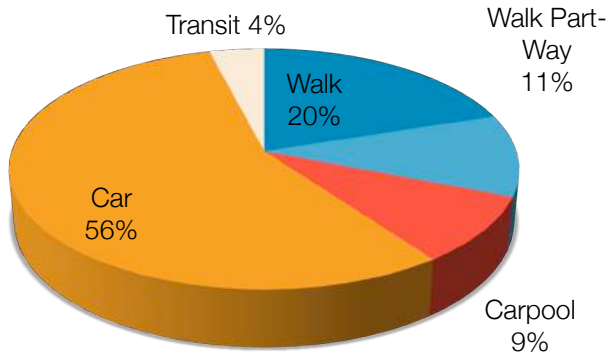


▲ Travel mode TO school (Nov. 2015)

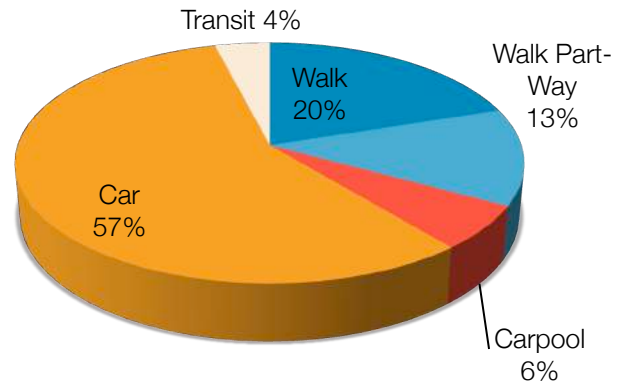


▲ Travel mode FROM school (Nov. 2015)

Hands-Up Survey Results: Baseline Vs. Follow-Up

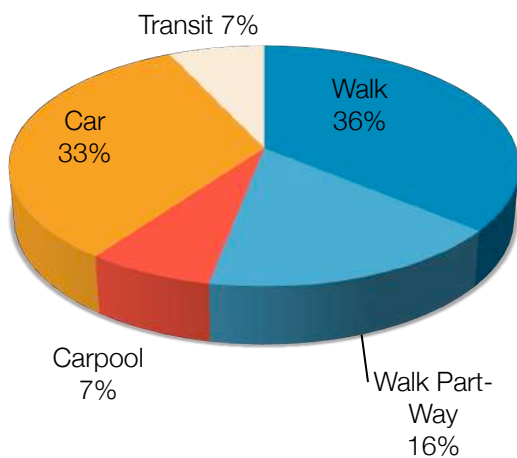


▲ Travel mode TO school (Nov. 2014)

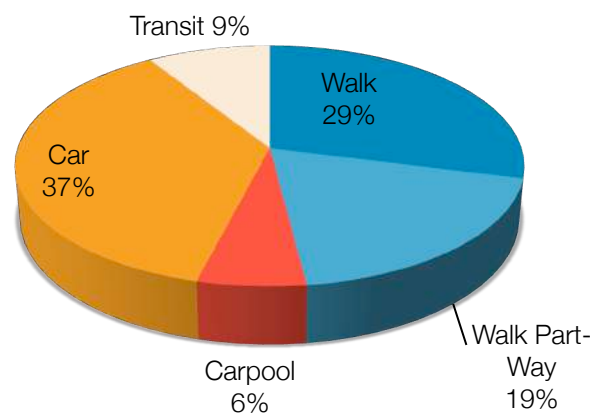


▲ Travel mode TO school (Nov. 2015)

Hands-Up Survey Results: Baseline Vs. Follow-Up



▲ Travel mode FROM school (Nov. 2014)



▲ Travel mode FROM school (Nov. 2015)

21% of families surveyed reported that they were driving less for their trip to school since School Travel Planning began.

- Family take-home survey

### Family Survey Follow-up

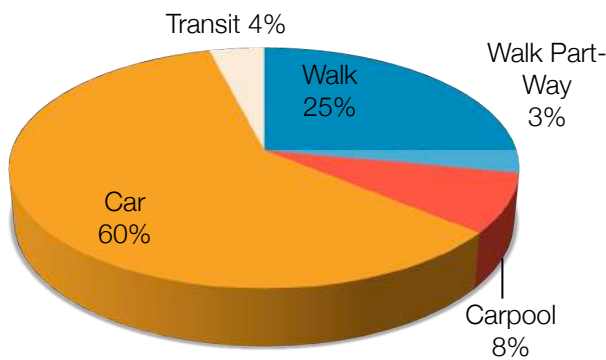
Family take-home surveys were conducted online during the week of January 18<sup>th</sup>, 2016. Families had one week to submit their responses. In total, 347 families (49%) completed the survey, which is a very satisfactory return. 18% of families indicated that they had filled out the baseline survey in 2015, 46% reported they had not and 36% said they were unsure.

Since School Travel Planning began at Summit:

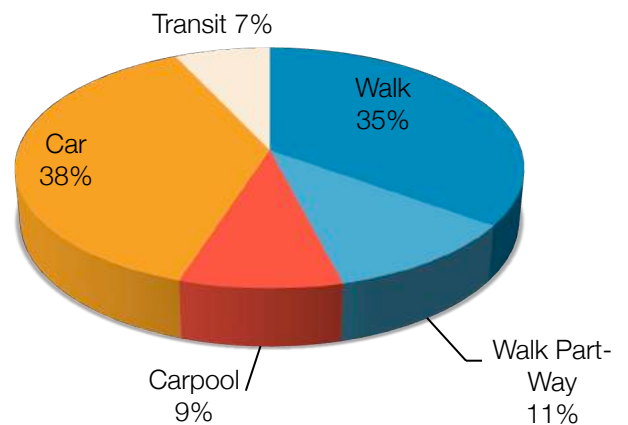
- 75% reported walking more to get to and from school.
- 23% reported taking transit more often.
- 21% reported that they were driving less for their trip to school; 4% reported an increase.
- 13% reported a decrease in the volume of vehicle traffic outside of the school; 10% reported an increase

Overall, 92% support on-going School Travel Planning at Summit.

### Family Survey Results: To and From School

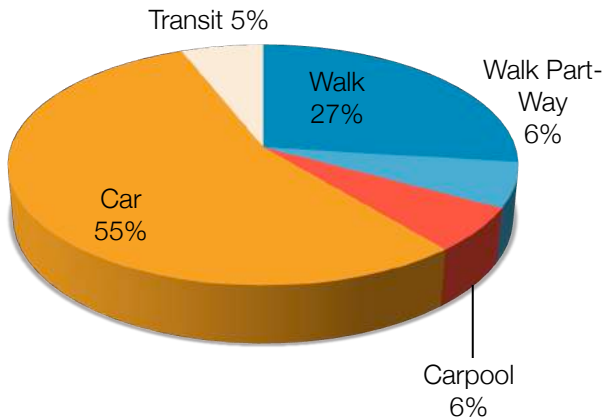


▲ Follow-up Family take-home TO school (Jan. 2016)

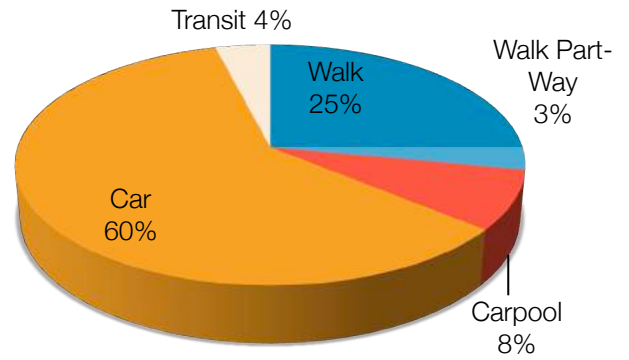


▲ Follow-Up family take-home FROM school (Jan. 2016)

Family Survey Results: Baseline Vs. Follow-Up

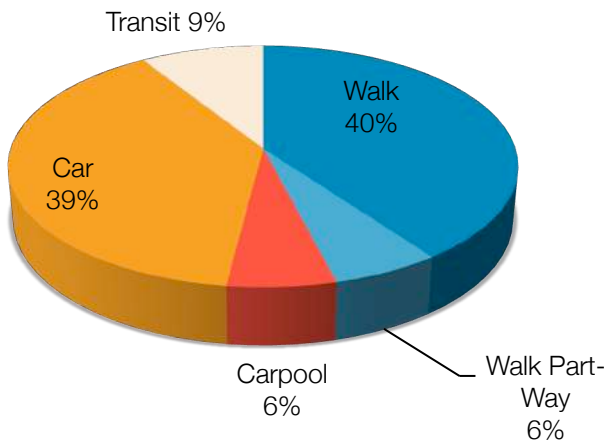


▲ Baseline family take-home TO school (Nov. 2014)

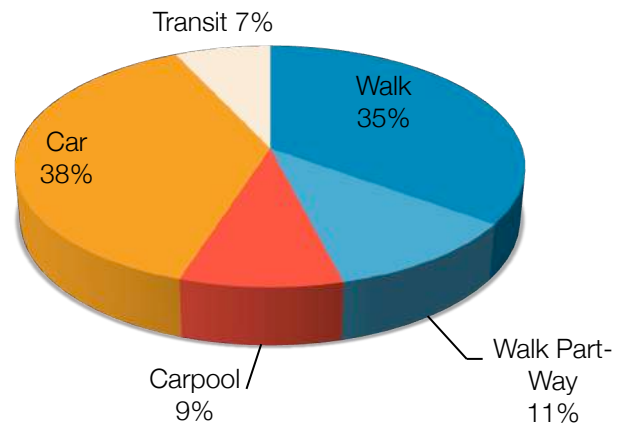


▲ Follow-up Family take-home TO school (Jan. 2016)

Family Survey Results: Baseline Vs. Follow-Up



▲ Baseline family take-home FROM school (Nov. 2014)



▲ Follow-Up family take-home FROM school (Jan. 2016)

## Summary of Main Findings

With a clearer understanding behind the reasoning of family travel choices the targeted programming, activities and interventions can be planned and developed with the best opportunity for effective results. A few of these activities are highlighted in the table below, which have been ranked by parents at Summit.

Which STP activity was most effective?	
Activity	Importance
1. Infrastructure improvements	25%
2. Newsletter announcements	22%
3. TravelSmart programs (e.g. contests/ incentives, Walking Wednesdays, assembly)	12%
4. HUB cycling training	6%
5. Bike to School Week	8%

Distance and topography will remain on-going travel challenges at Summit. 56% of families at are traveling over 1.6km to reach the school, which is located near the top of a very long and steep hill. The school has been successful in promoting active travel but the messaging needs to focus on discretionary drivers (i.e. those whose children are likely able to walk to school) to reconsider their mode of travel. Even a small shift in travel behaviour from this demographic would alleviate a great deal of the vehicle congestion experienced at the front of the school.

Often, cycling is seen as a good option to conquer longer distances but due to the topography at Summit, prioritizing other options would likely yield longer-term and better results. Establishing park n' walk locations where families can drop off their children away from the school should be a priority. The Northside Church is willing to share the use of their parking lot for school-related traffic but the school will need to maintain this relationship to ensure the option will be available on an on-going basis.



To encourage more families walking, key meeting places could be established so that students could walk with their peers on the trip to school. 49% of parents reported they would allow their children to walk to school if they were not alone. The Best Routes to School map would help to inform and plan for this type of program, showcasing key walking routes to school and where students could meet along the way.

## School Travel Planning Members

The School Travel Planning process for Summit Middle School 2014/2015 worked with a School Travel Planning School Committee and a School Travel Planning Stakeholder Committee. Key members of each committee are list below.

### School Committee

- Principal: Glenda Speight
- PAC Chairperson: Jane Freeman

### Stakeholder Committee

- Devon Ross: School District 43
- Mariee Devereux: TravelSmart, TransLink
- Staff from City of Coquitlam Transportation Planning, Traffic Operations and Bylaw
- Kathleen Nadalin: ICBC
- Scout Gray: HUB Cycling
- Alex Kwan: Fraser Health
- Terry MacDonald: RCMP



## Appendix A

1. Action Plan for Summit Middle School
2. Baseline & Follow-Up Surveys: Hands-Up and Family Take-Home

## Appendix B

1. Summit Middle Walkabout Handout

## Appendix A: Action Plan for Summit Middle School



Action/Initiative	Task	Start Date	End Date	Status
<b>HASTe BC</b>				
<b>School Travel Planning Facilitator Actions</b>				
Baseline Data Collection	Conduct Baseline Family Survey and Classroom Survey.	Nov 2014	Nov 2014	
Walkabout	Conduct a School Community Walkabout with STP Municipal, School and Parent Stakeholders.	Mar 2015	Mar 2015	
PAC Engagement	Attend Spring PAC Meeting. Provide newsletters information about Pick-Up Drop-Off area, crosswalk education for parents, and feedback about draft Best Routes to School maps.	May 2015	May 2015	
Principal Engagement	Work with principal to provide and develop pedestrian and cycling safety resources, contest and prizes for students and parents throughout the year.	Winter 2014	Sep 2016	

Action/Initiative	Task	Start Date	End Date	Status
Complete DRAFT Action Plan	Complete draft action plan, solicit feedback from school planning committee and steering committee.	Mar 2015	Mar 2015	
Complete "Best Route to School" maps	Develop Best Walking and Cycling Routes to School using community input and feedback and codify them in a map of the catchment, to be distributed to families in the spring or early next fall.	May 2015 or Sep 2015	Sep 2016	
In-class youth education and engagement	Deliver in-class education and engagement curriculum complete with 'launch' assembly.	Jan 2015	Apr 2015	
School Event	Work with Youth Engagement Program, PAC & Principal to host a community event, e.g. Bike to School Week fundraiser.	Apr 2015	Apr 2016	
Collect Follow-up Surveys	Conduct follow-up family survey and classroom survey.	Nov 2015	Nov 2015	
Report on implementation of STP and initiatives	Oversee the implementation of Action Plan items and track the actual versus planned timing and cost of initiatives.	ongoing	Jun 2016	
Analyze and report on survey findings	Enter data, produce result graphs.	May 2015	Sep 2016	
Complete School Travel Plan	Track progress, collect all relevant STP information and develop School Travel Plan document. Copies provided to Summit Middle School, City of Coquitlam, and TravelSmart.	Dec 2015	Nov 2016	
Develop Park n' Walk options	Discuss options for a park n' walk location at the Northside Church (David Ave. & Lansdowne Dr.). Target parents who are keen to improve safety and	Mar 2015	Jun 2015	

Action/Initiative	Task	Start Date	End Date	Status
	traffic issues outside of school. Offer incentives for families that utilize church parking lot and walk to school.			
Develop Car Pool options	Approximately 95% of the 300 cars arriving at the school each morning are from the same family. Develop a car pool scheme that would educate and inform families about carpool options.	Mar 2015	Jun 2015	
<b>Municipal Steering Committee Actions</b>				
<b>Coquitlam School District Actions</b>				
Facilitation & Support	Devon Ross to act as liaison between HASTe and STP schools.		2-3 years	
<b>City of Coquitlam Actions</b>				
Infrastructure	City to conduct assessment of the intersection at Johnson St. and Parkway Blvd. <b>Problem:</b> Johnson St. (between Parkway Blvd. & David Ave.) often becomes clogged mainly from cars turning right from David Ave. and trying to cross two lanes of traffic to reach the left-hand turn lane. <ul style="list-style-type: none"> <li>Assess need for a longer advanced left-hand turn light along Johnson St. for cars turning onto Parkway Blvd. This could be exclusive for school morning drop-off (8am – 9am) and afternoon pick-up (2:45pm – 3:15). Monday to Friday.</li> </ul>	Mar 2015	Aug 2015	Completed. Johnson St @ Parkway Blvd Signal timing change. The timing for the NBL during the AM period was increased February 3, 2015
	City to assess intersection at Johnson St. and Parkway Blvd.	Mar 2015	Aug 2015	In Progress. The City has conducted an

Action/Initiative	Task	Start Date	End Date	Status
				evaluation of the intersection and the Petro Canada gas station access operations and will be signaling the east leg. The design has been completed and installation is scheduled for 2017.
	City to assess drop-off situation at front entrance of Summit Middle School. Investigate alternative scenarios for a safer drop-off and a smoother traffic flow. Major congestion occurs along Parkway Blvd.	Mar 2015	Aug 2015	Completed. The City has worked with HASTe to distribute Best Routes to School Map that identifies alternatives to driving to/from school (i.e. walking, cycling and transit). School administrators can use this map to encourage the use of these alternative modes, which will in turn reduce vehicle demand and congestion in front of

Action/Initiative	Task	Start Date	End Date	Status
				school.
	<p>Cindi Seddon, principal, suggested the City include additional school assessments at feeder elementary schools near Summit Middle School.</p> <p>Travel behaviour and habits are established well before kids reach middle school. Summit's traffic issues are due in-part to poor travel planning and programming at the surrounding elementary schools. In this case, Bamblewood, Panorama Heights, and Pinetree Way elementary schools.</p>	Mar 2015	Aug 2015	Completed. Elementary schools were assessed as part of the Elementary School Program conducted from 2009 – 2013.
<b>RCMP &amp; ICBC Actions</b>				
Road safety/personal safety	Kathleen Nadalin to offer in-kind donations from ICBC (e.g. traffic vests, tags, and other traffic safety swag)	Mar 2015	ongoing	
<b>Fraser Health Actions</b>				
Environmental Health	Continue providing information and expertise regarding matters of design and the built environment and health outcomes for families and schools.	Mar 2015	Sep 2016	
<b>HUB Actions</b>				
Bike Safety training	Bike education training for 8 classes.	Spring 2015	Fall 2015	
Bike to School Event	Support Bike to School Event (May 26-29).	May 2015	May 2015	
<b>TransLink - TravelSmart</b>				
Resources and school	Mariee Devereux to ensure Travel Smart program	Mar 2015	April 2015	



Action/Initiative	Task	Start Date	End Date	Status
education and engagement	informs and utilizes teachers, parents, and the Municipal Stakeholders Committee in the programming at Summit Middle School.			
<b>Principal Actions</b>				
Register for Bike to School Week	Register and participate in Bike to School Week. Visit <a href="http://www.hastebc.org/btsw">www.hastebc.org/btsw</a> for details.	Spring 2015	Spring 2015	
Bike to School Week promotion	Cindi to consider racing in the Tri-Cities Tricycle Challenge at Hillcrest Middle School in promotion for Bike to School Week 2015.	May 2014	May 2014/15	
STP meeting	Principal will need to attend annual School Travel Planning meeting to update school progress and/or identify new concerns.	ongoing	Sep 2016	
Newsletter and Announcement promotion	Continue to promote Newsletter and announcements to support safe and active travel and behaviour change.  Keep PAC informed with next steps of School Travel Planning process and engagement with the Travel Smart program and in-class engagement with students.	ongoing	Sep 2016	
Resources, Contests & Campaigns	Provide pedestrian and cycling safety information to students throughout the year, including Best Routes to School maps. Support contests, prizes and incentives to encourage parents & student engagement.	Spring 2014	ongoing	
<b>PAC Actions</b>				

Action/Initiative	Task	Start Date	End Date	Status
Newsletter	<ul style="list-style-type: none"> <li>• Best Routes to School maps delivered to families in April/May 2015</li> <li>• Separate item in the newsletter stating new location of park n' walk locations and meeting places.</li> <li>• Educate PAC &amp; Parents with STP updates (includes: resources, infrastructure change updates &amp; upcoming events).</li> </ul>	May 2015	Ongoing	
	Revisit the bike parking proposal as outlined in the School Travel Plan (pg.16)	Nov 2016	ongoing	
On-going support	Help to implement traffic programs and champion educational initiatives related to improving school travel.			
Best Routes Map	Contribute to editing the Best Routes to School Map	May 2015	Nov 2016	
<b>New Actions</b>				

Walkabout date: Thursday March 5, 2015

#### Walkabout Participants

Cindi Seddon, Principal  
Tanya Sanchez, PAC rep & parent  
Sean Vahdani, Parent  
Hai Peng Lin, Parent  
Jasmine Wang, Parent  
Jonathan Daley, Parent

Action/Initiative	Task	Start Date	End Date	Status
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Gord Fabbi, WPCA  
Mariee Devereaux, TravelSmart/TransLink  
Kathleen Nadalin, ICBC  
Scout Gray, HUB Cycling  
Jannette Guarin, City of Coquitlam  
Glen Chua, City of Coquitlam  
Mike Smith, HASTe

# CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using stand-up or hands-up methods (ask students to raise their hand's or divide in separate corners of the classroom) for the week of:

**Monday November 17 – Friday November 21, 2014**

Teacher: \_\_\_\_\_ Grade: \_\_\_\_\_ Division #: \_\_\_\_\_ # Students: \_\_\_\_\_

**Ask students: "How did you travel to school this morning?"**

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
<b>Mon</b>	Example: Rainy/6C									
<b>Tues</b>										
<b>Wed</b>										
<b>Thur</b>										
<b>Fri</b>										
<b>Total</b>										
<b>Avg=Total/5 not for teachers</b>										

**Ask students: "How will you travel from school today?"**

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
<b>Mon</b>	Example: Rainy/6C									
<b>Tues</b>										
<b>Wed</b>										
<b>Thur</b>										
<b>Fri</b>										
<b>Total</b>										
<b>Avg=Total/5 not for teachers</b>										

Walked part-way = \*Walked at least one entire block. (e.g. Park & Walk)

# Summit Middle School

## School Travel Planning Baseline Survey

17 November 2014

Dear Parent (Guardian):

Summit Middle School is working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

The benefits of active school travel include:

- Increased safety.
- Improved health.
- Arriving alert and ready to learn.
- Less stress, greater happiness.
- Reduced traffic congestion near the school.
- Less air pollution.

The School Travel Planning survey will help to better understand the travel choices made by families at Summit with the purpose of improving the safety and health of the school community.

## 2 Step Survey

This survey has two parts: (1) an online questionnaire and; (2) a paper mapping exercise. **To complete the online section please visit: [www.hastebc.org/coquitlam](http://www.hastebc.org/coquitlam) and follow the detailed instructions for your school.**

You'll find the mapping exercise on the following pages. Once complete, **please have your child return it to their classroom teacher by Friday November 21<sup>st</sup>, 2014.**

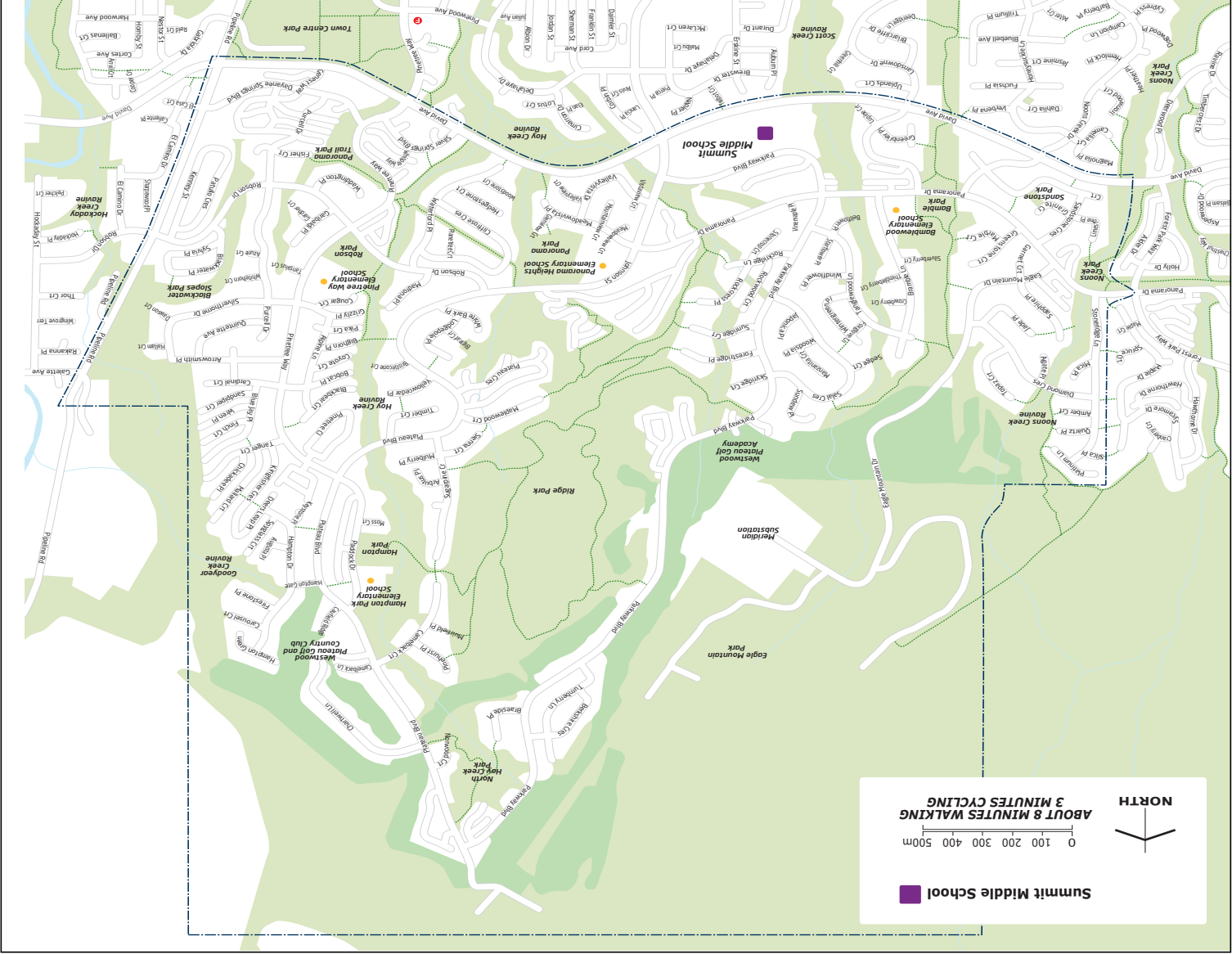
If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith, School Programs Manager. [mike@hastebc.org](mailto:mike@hastebc.org)

Thank you,

Cindi Seddon, Principal

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See back page for mapping instructions.

**MAPPING EXERCISE: FOR PARENTS & STUDENTS TO ANSWER AS A FAMILY**

Please complete the following map with the **WALKING** or **CYCLING** route your child/children take to get to and from school. If you usually drive please indicate the route **you would** walk or cycle. Identify any locations that are of concern to you with a number (e.g. 1, 2, 3) and describe these in the table below.

<b>What do you think is unsafe in this area?</b>
e.g. Panorama Dr. near Johnson St. Cars turn right without looking for pedestrians.

**PLEASE HAVE THIS MAPPING EXERCISE COMPLETED AND RETURNED TO THE SCHOOL BY FRIDAY NOVEMBER 21<sup>ST</sup> 2014. AND DON'T FORGET TO FILL OUT THE ON-LINE SURVEY, TOO. MANY THANKS!**

*HASTe BC (The Hub for Active School Travel) is the provincial lead for School Travel Planning in British Columbia.*

*For more information please visit our website: [www.hastebc.org](http://www.hastebc.org)*

*School Travel Planning Coquitlam is funded by the City of the Coquitlam and TravelSmart.*





# CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using hands-up methods (ask students to raise their hands) for the week of:

**Monday November 9<sup>th</sup> – Friday November 13<sup>th</sup> 2015**

Teacher: \_\_\_\_\_ Grade: \_\_\_\_\_ Division #: \_\_\_\_\_ # Students: \_\_\_\_\_

**Ask students: "How did you travel to school this morning?"**

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
<b>Mon</b>	Example: Rainy/6C									
<b>Tues</b>										
<b>Wed</b>										
<b>Thur</b>										
<b>Fri</b>										
<b>Total</b>										
<b>Avg=Total/5 not for teachers</b>										

**Ask students: "How will you travel from school today?"**

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
<b>Mon</b>	Example: Rainy/6C									
<b>Tues</b>										
<b>Wed</b>										
<b>Thur</b>										
<b>Fri</b>										
<b>Total</b>										
<b>Avg=Total/5 not for teachers</b>										

Walked part-way = \*Walked at least one entire block. (e.g. Park & Walk)





**Summit Middle School**

1450 Parkway Blvd.  
Coquitlam, BC V3E 3L2

☎ 604-944-8273

School District 43 ~ Coquitlam

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**RE: FOLLOW-UP FAMILY TRAVEL SURVEY**

January 18, 2016

Dear Parent (Guardian):

Summit Middle School has been working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

Summit took part in this program to:

- Improve safety in our community
- Increase the health and well-being of our students
- Increase the amount of students arriving alert and ready to learn
- Reduce pollution where our students play; and
- Reduce traffic congestion at and around our school

Some highlights from the last year include: Crosswalk assessments and upgrades, TravelSmart Youth Leadership program, and HUB Cycling training.

This follow-up survey is to help us understand the impact that School Travel Planning has had on travel behavior at Summit Middle School.

**Please have your child return the survey to their classroom teacher by FRIDAY JANUARY 22<sup>nd</sup> 2016.**

If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith, HASTe, [msmith@hastebc.org](mailto:msmith@hastebc.org)

Thank you,  
Glenda Speight  
Principal



*To protect your privacy this survey does not require you to provide your name. All information will be kept strictly confidential.*

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**“Creating a Positive, Encouraging and Supportive Learning Environment”**

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School District No. 43 (Coquitlam)

# Family Transportation Survey

Please include the date (month/day/year) that you filled this survey out

(e.g. October / 15 / 2015): \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**Please complete ONE survey per family.**

1. Did you complete the first Family Transportation Survey in November 2014? (Circle one)

YES                      NO                      NOT SURE

2. How does your child(ren) **usually** get to and from school?

**CHOOSE ONLY ONE BOX FROM EACH COLUMN**

(If two modes are common, e.g. *walking* and *driving*, choose the one they do **most often**.)

	TO school	FROM school
Walk / Scooter / Skate	<input type="checkbox"/>	<input type="checkbox"/>
Walk part-way (at least one entire block)	<input type="checkbox"/>	<input type="checkbox"/>
Bicycle	<input type="checkbox"/>	<input type="checkbox"/>
School bus	<input type="checkbox"/>	<input type="checkbox"/>
Public transit (TransLink)	<input type="checkbox"/>	<input type="checkbox"/>
Carpool (2 or more families)	<input type="checkbox"/>	<input type="checkbox"/>
Car (just your family)	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

If Other  
(explain) \_\_\_\_\_

3. Who usually accompanies your child on the way to school?

Parent/Grandparent     Other Adult     Sibling     Friend     Child travels alone

4. How far away from school do you live? If you are not sure, check Google Maps.

Less than 0.5 km     0.51 to 1.59 km     1.6 to 3 km     Over 3 km

5. What language does your family speak at home?

English     Persian     Mandarin     Korean     Chinese     Other  
please specify : \_\_\_\_\_

6. Please fill in the age and sex of your child(ren) attending this school.

Child	Age	Sex	
		Boy	Girl
1		<input type="checkbox"/>	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>

7. Our neighbourhood is safe for children to walk to and from school. (Please circle one answer).

STRONGLY AGREE      AGREE      DISAGREE      STRONGLY DISAGREE

**ONLY ANSWER Questions 8-10 if your child/ children are usually driven to or from school. If not, please skip to question 11**

8. What are the main reasons your child(ren) is/are **usually** driven to/from school? (Choose up to three)

- Distance from home too far
- Convenience/time pressures
- Traffic danger
- Personal safety issues (e.g. bullying, stranger danger, etc.)
- I'm on my way somewhere else (e.g. to work)
- Weather
- Other (explain) \_\_\_\_\_

9. I would allow my child(ren) to **walk** to school if... (choose up to three)

- He or she did not walk alone
- There was a safer or improved walking route
- There were reduced traffic dangers
- He or she were older
- He or she did not live so far from school
- Other (explain) \_\_\_\_\_

10. I would allow my child(ren) to **cycle** to school if... (choose up to three)

- They did not cycle alone
- There was a safer or improved cycling route
- There were reduced traffic dangers
- They were older
- They did not live so far from school
- They received bicycle safety training
- They could lock their bicycle in a safe place
- Other (explain)\_\_\_\_\_

**Everyone continue at question 11 below**

11. In what ways have your family's school travel habits changed, since the School Travel Planning process began?

- less driving (e.g. more carpooling, walking, cycling, taking public transit, etc.)
- not changed
- more driving

Comments: \_\_\_\_\_

12. If you are driving less for trips to or from school, what are you or your child(ren) doing more of?

- Walking
- Cycling
- Transit
- Other: (explain):\_\_\_\_\_

13. Has the volume of vehicle traffic outside the school changed since the School Travel Planning process began?

- decreased                       not changed                       increased

Comments: \_\_\_\_\_

\_\_\_\_\_

14. Please share any further comments about your child's journey to and from school.

\_\_\_\_\_

\_\_\_\_\_

15. Which school travel planning activities do you feel have been most effective for your family? (Check all that apply.)

- Infrastructure improvements, e.g. signage, crosswalk upgrades, speed bumps
- Pick-Up Drop-Off signage changes
- Walking & Cycling TravelSmart education and assembly
- Walk or Bike to School Week events and prizes
- Newsletter Announcements
- HUB cycle training
- Other

16. Do you support ongoing School Travel Planning efforts to make the school area safer, healthier and better connected to the community, by focusing on ways to reduce the number of children traveling to and from school by car?

YES

NO

17. If you would like to continue to help with School Travel Planning efforts, for example attend Parent Advisory Council (PAC) meetings, please provide your name, email and/or telephone number:

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**THANK YOU FOR YOUR TIME. PLEASE HAVE THIS SURVEY COMPLETED AND RETURNED TO THE SCHOOL BY FRIDAY JANUARY 22<sup>ND</sup> 2016.**

HASTE - Hub for Active School Travel is the provincial lead for School Travel Planning in British Columbia: ([www.hastebc.org](http://www.hastebc.org))  
School Travel Planning in your community is funded by the City of Coquitlam and TravelSmart.

For more information please visit our website or join us on Facebook or Twitter.



## Appendix B: Summit Walkabout Handout



**Summit Middle School**  
**March 5<sup>th</sup>, 2015**  
 Grades 6-8  
 615 students

Mode	TO SCHOOL		FROM SCHOOL	
	BL (#)	BL (%)	BL (#)	BL (%)
Walk / Scooter / Skate	51	28%	76	44%
Walk part-way (at least one entire block)	11	4%	11	6%
Bicycle	1	1%	1	1%
School bus	0	0%	0	0%
Public Transit (TransLink)	12	2%	18	4%
Carpool (2 or more families)	12	8%	11	66%
Car (just your family)	105	56%	75	39%
Other	0	0%	0	0%
<b>TOTAL</b>	<b>192</b>	<b>100%</b>	<b>192</b>	<b>100%</b>

Distance to school	BL (#)	BL (%)
Less than 0.5km	23	12%
0.51 to 1.59km	58	30%
1.6 to 3km	70	36%
Over 3km	41	21%
<b>TOTAL</b>	<b>192</b>	<b>100%</b>

Neighbourhood Safe?	BL (#)	BL (%)
Strongly agree	61	32%
Agree	83	44%
Disagree	42	22%
Strongly disagree	4	2%
<b>TOTAL</b>	<b>190</b>	<b>100%</b>

Reasons for Driving	BL (#)	BL (%)
Distance	78	67%
Convenience	62	53%
Traffic	31	26%
Personal Safety	39	33%
On way to somewhere else	40	34%
Weather	33	28%
Other	9	8%
<b>TOTAL Drivers</b>	<b>117</b>	<b>-</b>