



Natural Systems, Urban Land Use, & Orienteering Field Trip



Historic Brooklin Village

*Using the historical information posted on buildings along Baldwin street, answer the following questions. You have **25 minutes** to get the answers to these questions and be back on the bus.*

Grass Park

1. What was the original site located on the area of the park?
2. What happened to the original site?
3. Who was the site owned by?

Brooklin Antiquarian

4. Describe Figure 4 explain what the picture is about.

Store for Rent (right at the lights) – Former Mayan Tan Building

5. What was the mode of transportation during the first half of the 50 year period?
6. What was John Allens' daughter's occupation?

Dudley's Tack Shop

7. What was this building from 1888 until the 1960s?

Connie's Ladies Fashions

8. What was this building built as?

Brooklin Bakery

9. What was this shop prior to 1948?

IDA Pharmacy

10. What was the land use here prior to 1954?



Baldwin Street Dental Centre

11. What was the original site called prior to 1950?

Walk back down to the lights and cross at the crosswalk to the CIBC to continue your journey.

CIBC

12. After Henry Daniels moved to his new store, he was quoted as saying.....

“

”

Royal Canadian Legion

13. What was this building prior to 1883?



Video Image

14. What was the Balfour building used for?

15. What happened to the building in December 1950?

Russ & Al's Automotive

16. In the late 19th and early 20th centuries, how was the mill powered?

17. When did it convert to electric power?

Immigration Origins of Empire Mills

*A cemetery is a great way to shed light on the origin of people and the changes in popular names over time. You have **25 minutes** to answer the following questions.*



18. Identify the first names that appear in the cemetery (10 males and 10 females) and circle the three most common names of each. Then compare those names with the most common names of people being born today.

Most Popular Names Today			Most Popular Names in the Cemetery		
Rank	Males	Females	Rank	Males	Females
1	Jacob	Emily	1		
2	Michael	Emma	2		
3	Joshua	Madison	3		
4	Matthew	Hannah	4		
5	Andrew	Olivia	5		
6	Joseph	Abigail	6		
7	Ethan	Alexis	7		
8	Daniel	Ashley	8		
9	Christopher	Elizabeth	9		
10	Anthony	Samantha	10		

19. Record three different epitaphs (sayings that may appear on some gravestones).

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20. Using a random sample of 10 males and 10 females, determine the average life expectancies for both. *Be careful when calculating how old people were when they died for those who were born in the 1800s but died in the 1900s!*

Males				Females			
	Year Born	Year Died	Years Lived		Year Born	Year Died	Years Lived
1				1			
2				2			
3				3			
4				4			
5				5			
6				6			
7				7			
8				8			
9				9			
10				10			
ADD UP THE TOTAL # of YEARS LIVED:				ADD UP THE TOTAL # of YEARS LIVED:			
DIVIDE BY # of PEOPLE:			÷ 10	DIVIDE BY # of PEOPLE:			÷ 10
EQUALS THE AVERAGE MALE LIFE EXPECTANCY:				EQUALS THE AVERAGE FEMALE LIFE EXPECTANCY:			

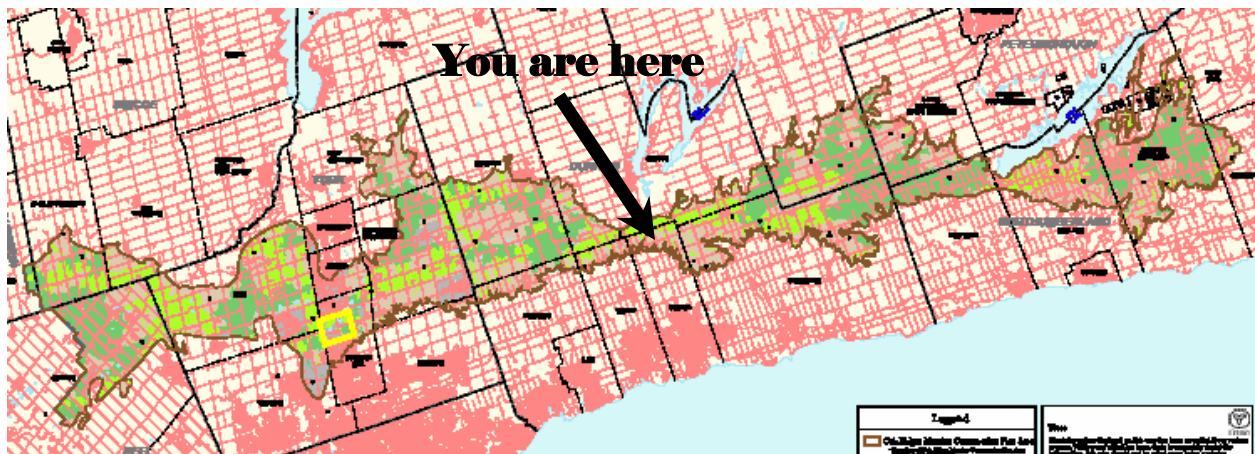
21. Is there a difference in the life expectancies between males and females? Explain why or why not.

Physical Geography Features at Purple Woods

Walk on to the wooden platform at the edge of this hill. Notice how high you are here from everything around you. Listen carefully to the information that your teacher will tell you about this area to answer the questions below. We will spend approximately 5 minutes here.

22. What is the name of the massive land feature that this platform is built on (look at the map below)?

Map of the _____



23. How was it formed?
24. What is inside of it that makes it so important?
25. But what do some people want to do with it instead?
26. Since both land uses cannot exist in the same location, which should be allowed?
27. Who is responsible for making this decision?

Urban Land Use Patterns in Port Perry

The bus will drop us off at Palmer Park in Port Perry. We will walk in small groups – all in sight of one another – along the south side of main street towards **Shopper's Drug Mart**, going in to some stores and answering some of the questions below along the way. Spend 15-20 minutes here.

We will then turn cross the road together and walk down the north side of the street towards **CIBC**, again going into some stores and answering the questions below along the way. Spend another 15-20 minutes here.

Finally, we will walk down Water Street towards **Baagwating Park** answering the last question below..



28. What is the name of the main street of Port Perry?

29. What direction does this street travel?

30. As you are walking down the main street, sketch a map of the downtown area, including the names of the roads that you cross. Be sure to include all of the usual map essentials!

31. What do you think is the main “four corners” of Port Perry?

32. What is the name of the very popular chocolate store?

33. **Leaving your backpacks outside and going in just 2 or 3 people at a time**, go inside and write down your most favourite feature of the store.

34. Identify four stores in the downtown area that are designed for tourists.

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35. What are two things that the city has done to make the downtown area attractive for tourists?

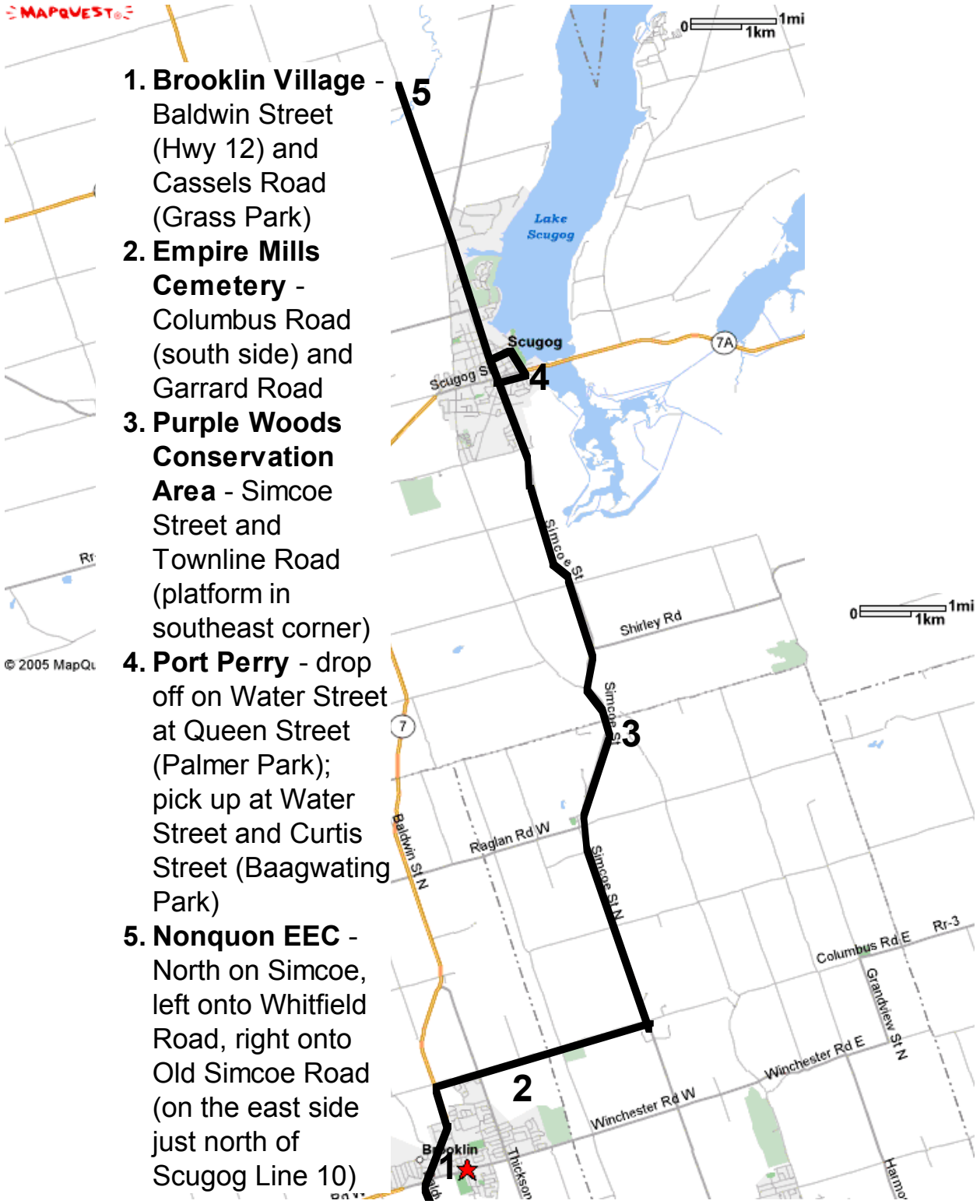
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36. Once you turn the corner on to Water Street, make a list of the various types of land uses that you can see along the waterfront all the way from the marina southwards to the shopping plaza. *(Five of the six main land uses are present here – Industry is missing.)*

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Once you're at Baagwating Park at the corner of Curtis Street and Water Street, take a seat on the rocks in the park and dig out your lunch. There are a couple of restaurants that you can purchase something at, but be sure to cross at the lights if you need to. No matter what you do for lunch, be back at Baagwating Park by 12:10 pm.

*Next stop: **Nonquon Environmental Education Centre** for an orienteering activity.*



1. Brooklin Village -

Baldwin Street
(Hwy 12) and
Cassels Road
(Grass Park)

**2. Empire Mills
Cemetery -**

Columbus Road
(south side) and
Garrard Road

**3. Purple Woods
Conservation
Area -**

Simcoe
Street and
Townline Road
(platform in
southeast corner)

4. Port Perry -

drop off on Water Street
at Queen Street
(Palmer Park);
pick up at Water
Street and Curtis
Street (Baagwating
Park)

5. Nonquon EEC -

North on Simcoe,
left onto Whitfield
Road, right onto
Old Simcoe Road
(on the east side
just north of
Scugog Line 10)