

Plan: How can I help prepare students and myself for a great day of learning?

The **Air and Water in the Environment** program is designed to enrich and expand the Grade 2 classroom STEM* program by bringing the Ontario Science, Technology and Math curriculum to life through a hands-on, learning experience at Forest Valley Outdoor Education Centre.

*An integrated application of Science, Technology, Engineering and Mathematics

Curriculum Connections:

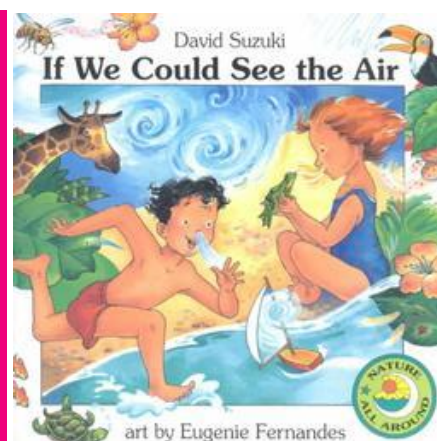
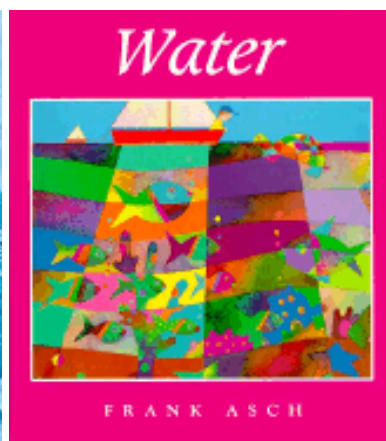
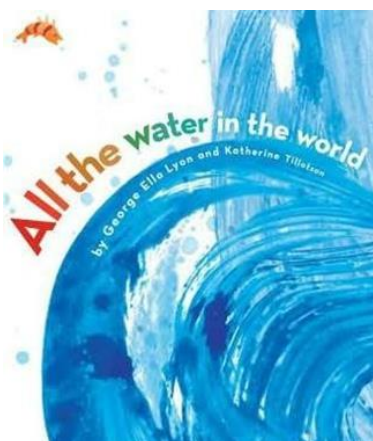
- [Science & Technology Curriculum: Air and Water in the Environment p 66](#)
- [Science & Technology Curriculum: Properties of Liquids and Solids p. 63](#)
- [Mathematics Curriculum: Measurement p 45](#)
- [Mathematics Curriculum: Data Management p. 51](#)

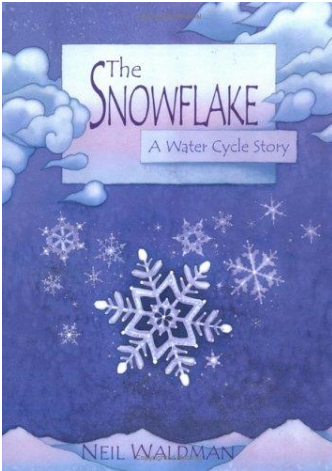
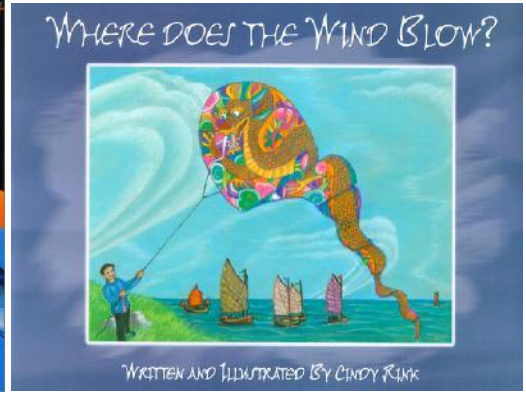
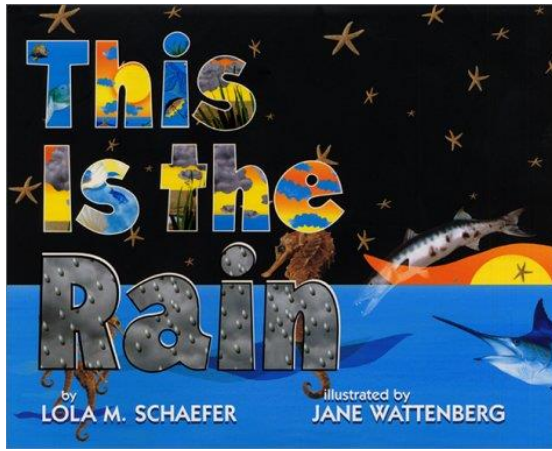
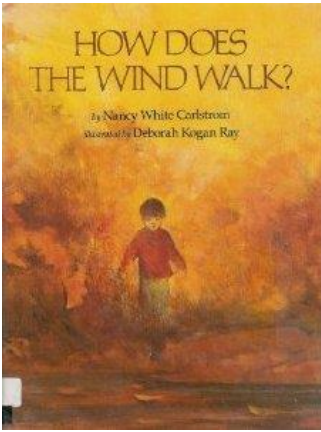
Some guiding questions to support effective field trip planning:

- Why did you choose **Air and Water in the Environment**?
- How does it integrate into your classroom program?
 - Is the field trip going to act as a “minds on” engagement where students formulate questions for inquiry?
 - Is the field trip an opportunity for students to gather evidence for an inquiry already in progress?
 - Is the field trip a culminating experience for students to apply their learning?

Possible Pre-Trip Experiences

- a community/playground walk looking for evidence of air and water in the local environment
- begin a Know, Wonder, Learn (KWL) chart to bring with you to Forest Valley
- reading books related to air and water in the environment (available from Forest Valley’s Library)
- explore, investigate, talk about the water cycle
- The books below (and many others) are available to borrow from Forest Valley. If you would like to borrow a book from the Forest Valley library, please contact ForestValleyOutdoorEdCentre@tdsb.on.ca.





TDSB Web Resources (available through TDSB computers):

- [MediaNet](#) (Library & Learning Resources: Grade 2 Earth and Space Systems)
- [TDSB's Virtual Library](#)