

Recommended Reading

Everybody Needs A Rock by Byrd Baylor

Pre Visit Activities

- document (sketching, photos) a community/playground walk looking for natural and human uses of rocks and minerals
- begin researching how things are made and make a tally of the primary natural resource that is used
- Search Google images for maps and photos of Ontario Mining
- begin a Know, Wonder, Learn (KWL) chart based on the Framing Question (How does our use of rocks and minerals impact the environment?) to bring with you to Forest Valley
- explore various maps of Ontario that show the relationship between population and rock/mineral use (e.g. <http://www.ontario.ca/rural-and-north/aggregate-resources>)
- explore perimeter and area in a real-world context (e.g. How much terrazzo is needed for your hallway? How many tiles are needed for your classroom? How much concrete for your front walk? How much asphalt for your playground?)
- investigate the properties of different rocks (sedimentary, metamorphic, igneous) and how they are formed

Post Visit Activities

- document (sketching, photos) a community/playground walk looking for natural and human uses of rocks and minerals
- begin researching how things are made and make a tally of the primary natural resource that is used
- Search Google images for maps and photos of Ontario Mining
- continue a Know, Wonder, Learn (KWL) chart based on the Framing Question (How does our use of rocks and minerals impact the environment?) to guide the rest of your inquiry
- explore various maps of Ontario that show the relationship between population and rock/mineral use (e.g., <http://www.ontario.ca/rural-and-north/aggregate-resources>)

- investigate perimeter and area in a real world context (e.g. How much terrazzo is needed for your hallway? How many tiles are needed for your classroom? How much concrete for your front walk? How much asphalt for your playground?)
- estimate, calculate and check the cost of using different rocks and minerals for different purposes around the school
- Connect with your Eco Schools team and draft a proposal to improve the landscaping around your school
- Check out the regeneration process that has occurred at the [Evergreen Brickworks](#)
- Design a neighbourhood that uses minimal resources or develop ethical mining practices
- investigate the properties of different rocks (sedimentary, metamorphic, igneous) and how they are formed