

Recommended Reading

Walkabout: Under The Ground by Henry Arthur Pluckrose

And So They Build by Bert Kitchen

Pre Visit Activities

- document (sketching, photos) a community/playground walk looking for structures
- begin a Know, Wonder, Learn (KWL) chart based on the Framing Question (How can nature teach us to design and build strong and stable structures?) to bring with you to Forest Valley
- reading books related to natural structures (available from Forest Valley's Library)
- explore the relationship between 2D and 3D shapes
- build structures at school to investigate strengths and weaknesses of various designs and shapes test/measure the strengths of structures using different forces (mass, wind etc...)
- have students practice drawing their structures to record their measurements and observations
- use Google images to research examples of "architecture inspired by nature"

Post Visit Activities

- document (sketching, photos) a community/playground walk looking for structures
- read books related to natural structures (available from Forest Valley's Library)
- explore the relationship between 2D and 3D shapes
- build structures at school to investigate strengths and weaknesses of various designs and shapes test/measure the strengths of structures using different forces (mass, wind etc...)
- have students practice drawing their structures to record their measurements and observations
- use Google images to research examples of "architecture inspired by nature"