

Constructing our classroom

Learning period 1-2

Theme: Relationships, patterns

Project: *Designing our Makerspace*

Being there experience: Home Depot, Makerfaire

Who are we and how do we want to be together?
How can patterns help us understand and predict?

- Classroom agreements
- Qualities of a scholar, scientist, mathematician, reader, writer, historian, and engineer.
- Weather
- Writing to narrate



Building community

Learning period 3-5

Theme: Community

Project: *3-D community map and field guide*

Being there experience: Various community locations, zoo

What happens when things work together?

- Ecosystems
- Plant and animal needs
- Communities, jobs
- Mapping
- Writing to inform



Building a Solid Foundation



Creating change

Learning period 6-7

Theme: Change

Project: *Student selected- TBD*

Being there experience: Wild Animal park, Children's museum

Why do things change?

- Adapting to the environment
- Earth's resources and conservation
- Daily life in the past vs. now
- Writing to persuade



Inventing solutions

Learning period 8-10

Theme: Adaptation

Project: *Makerfair invention*

Being there location: Legoland, science museum

How can we solve problems?

- Inventions
- Physical science
- Famous inventors
- Writing to instruct

