

Keeping Our Town Native

Geologists Matt and Trevor
Period 3 Science

Arizona has an abundance of rocks and minerals, such as:

- Granite



- Sandstone

- Aggregate



- Copper

- Schist

- Gypsum



- Marble

- Scoria

- Turquoise

- Silver

- Gold

- Galena

Some important uses of these are:

- Concrete
- Brick mortar
- Wallboard
- Stucco
- Electrical wiring
- Patio stones
- Buildings
- Jewelry
- Countertops
- Fire retardant
- Carpet backing
- Waste odor control
- Landscaping
- Soil amendment
- Ornaments
- Lead

Using Our Natural Materials

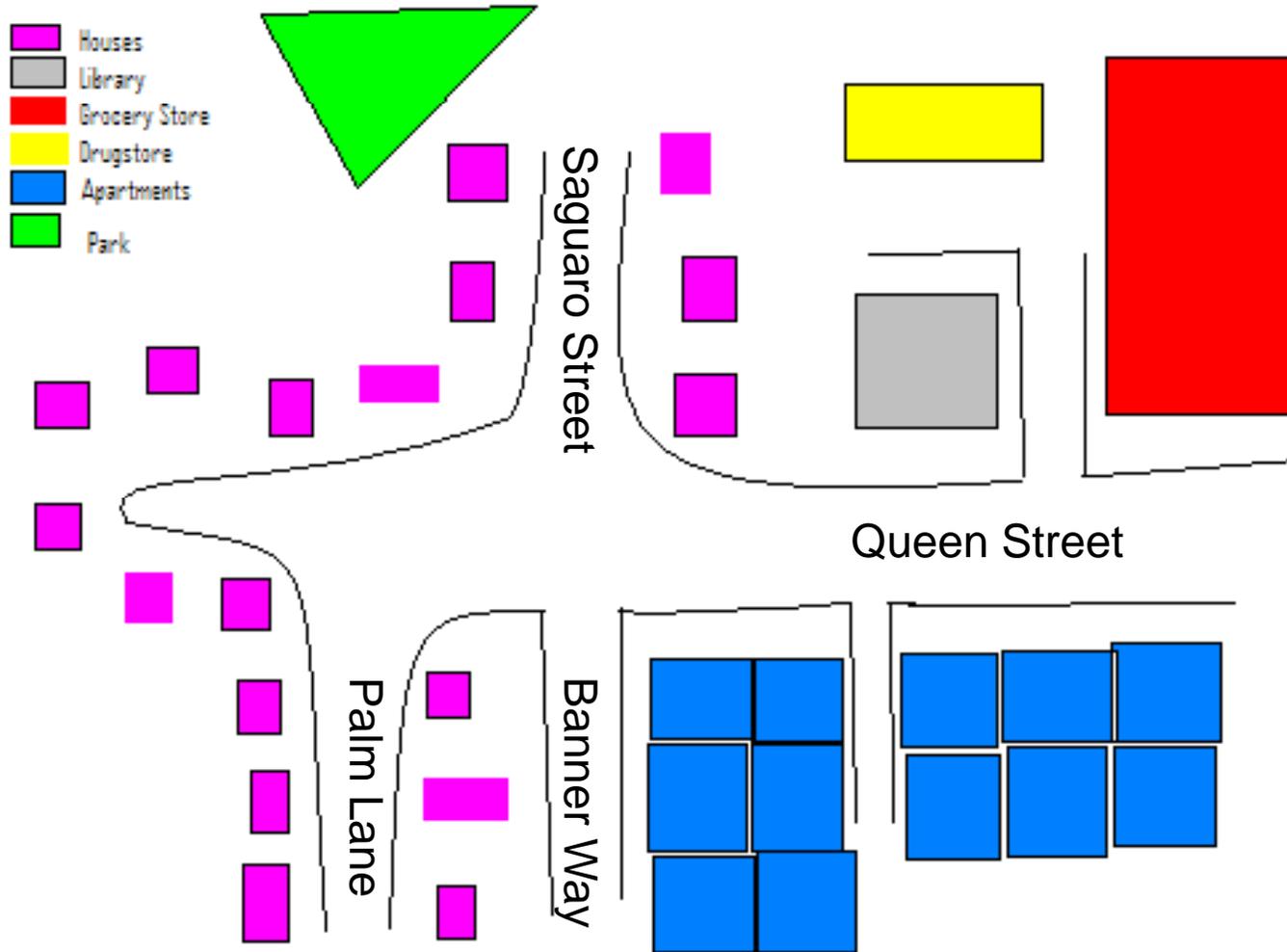
- We want to use native materials in building our town because it's good for our economy
 - Jobs for miners in our state
 - Money for the mining companies that is invested in the state
 - Jobs for local geologists
 - Jobs for truck drivers bringing the materials
 - Local businesses that sell the local materials

Using Our Natural Materials

- Our native sandstones are beautiful
 - Parts of Coconino and Yavapai Counties are often considered sandstone-flagstone capitals of the world
- Our copper is plentiful, and, because it is local, it is cheap to use. It is used for a variety of things, such as:
 - Electrical wire
 - Brass alloy
 - Sculptures and other artwork
 - Roofs of houses and other important buildings
 - Ornamentation (to make things look nicer)

Our Growing Town

The following plan will show ways that these materials can be used in our town.



House Styles

Copper for wiring and ornaments

Copper for pipes

Aggregate for brick mortar



Sandstone - flagstone (sedimentary rock) for path

Gypsum for the soil to grow grass and for wallboard inside the house

Gypsum for stucco

Concrete for roof tiles

Copper for electrical wiring

Brucite for carpet backing

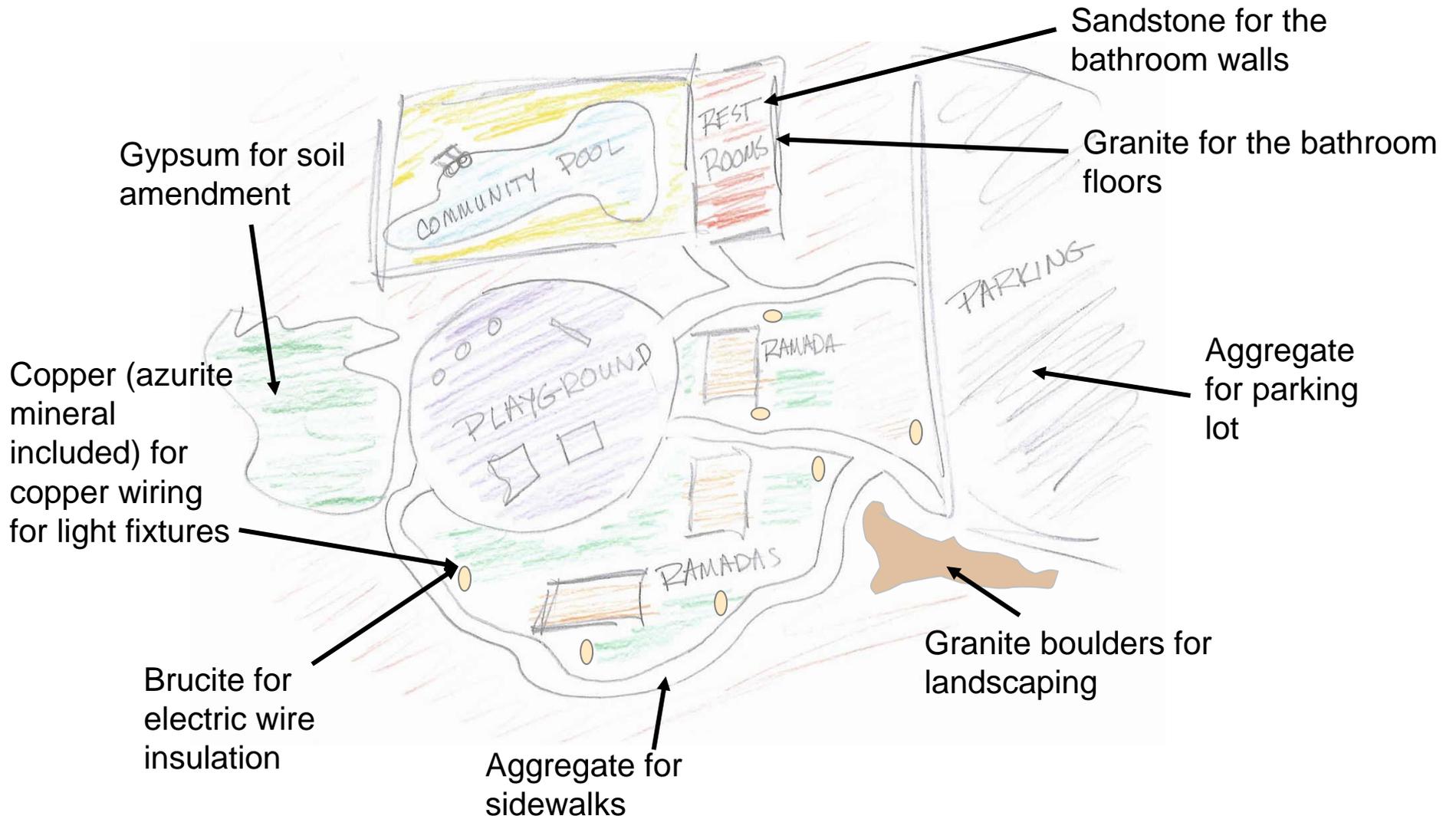
Granite for countertop



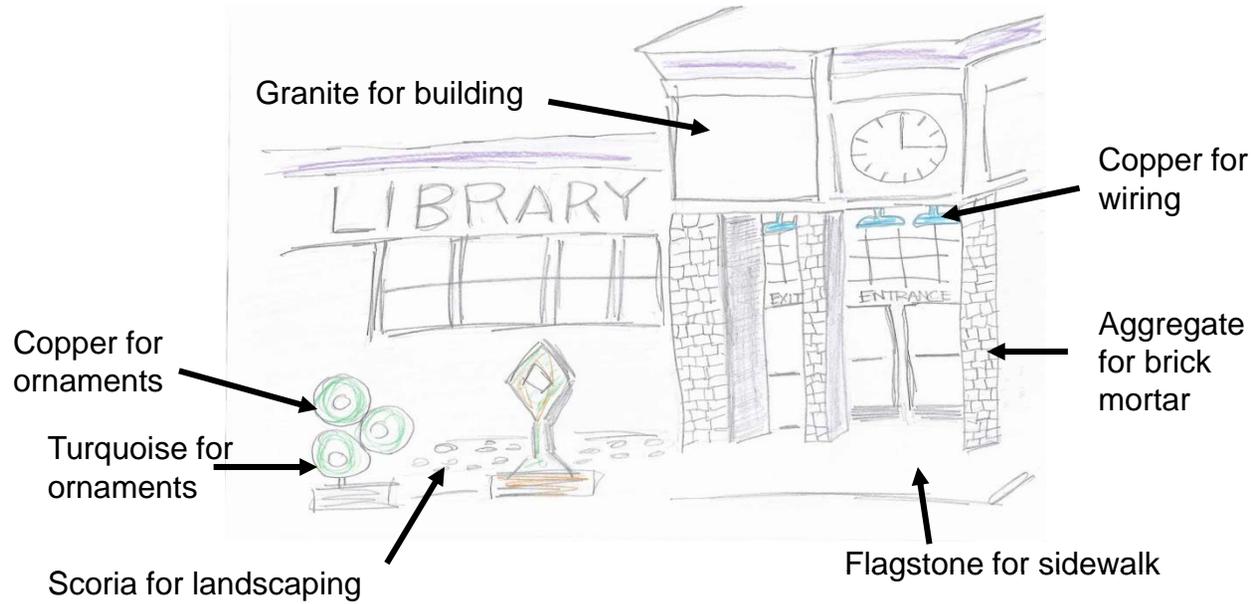
Aggregate for driveway, sidewalks, and roads

Granite for landscaping

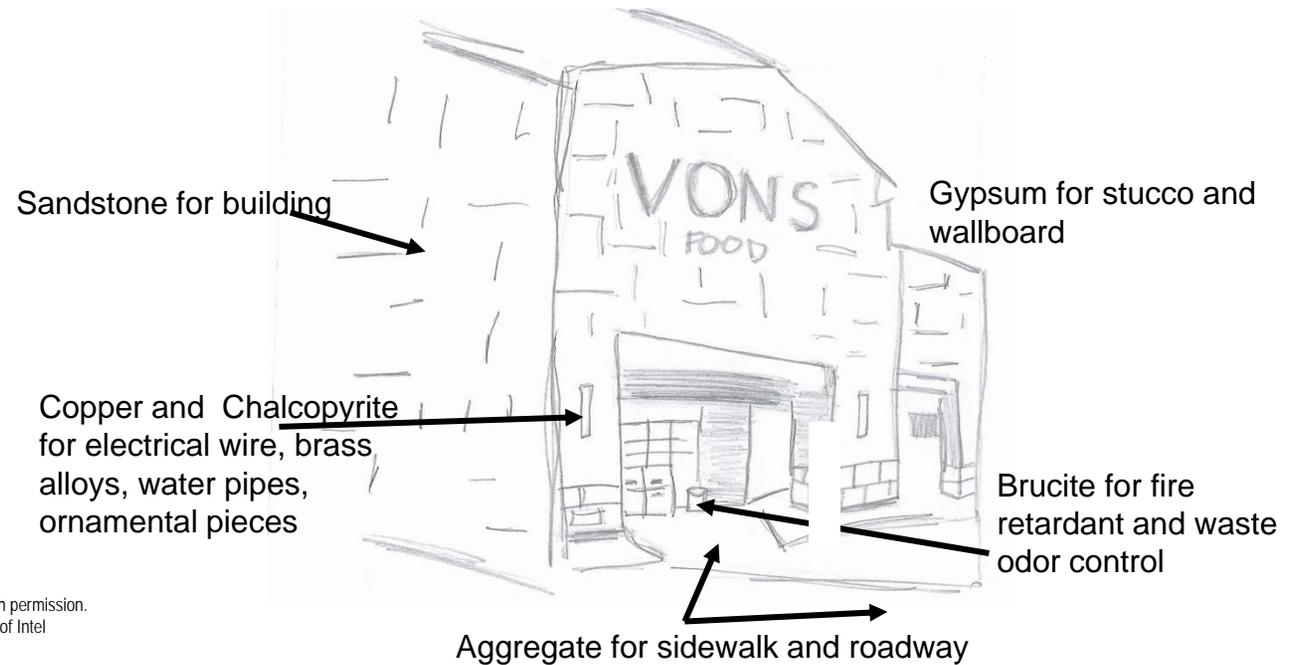
Park



Library



Stores



Where does this rock in my hand fit into my life?

- Our lives depend on rocks and minerals in ways we didn't realize
- Without these minerals and rocks, we would not have so many of the things we depend on such as electricity, buildings, cement, concrete, pharmaceuticals, soil amendments, waste water treatment chemicals, and plastic compounds

Conclusion

- We feel that our town should use our native materials due to the reasons presented to you.
- We hope you will use these ideas and keep our town beautiful and our economy going strong.

Thank You!