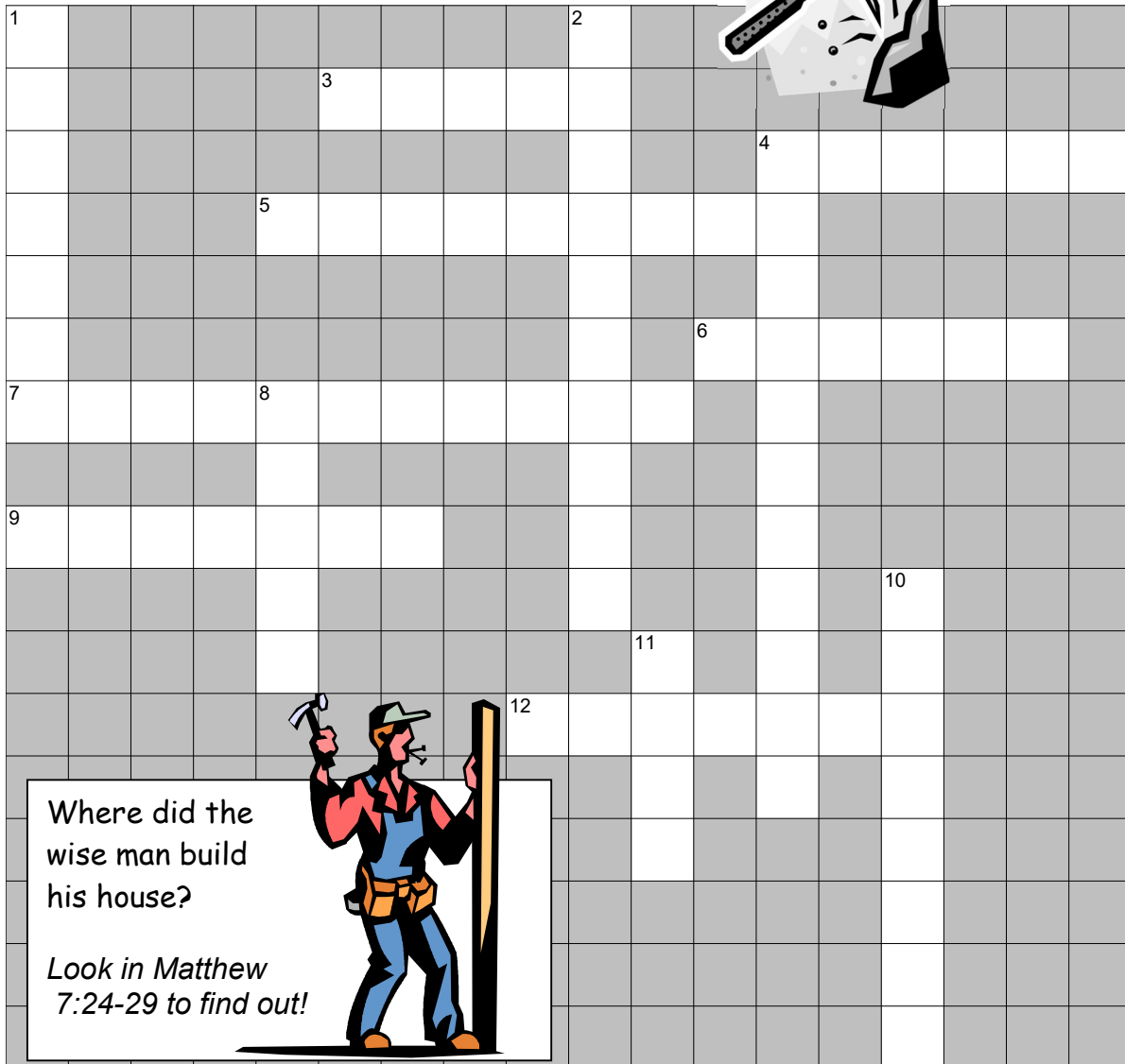


Geology Rocks!



Where did the
wise man build
his house?

*Look in Matthew
7:24-29 to find out!*

**Across**

3. A round rock with crystals inside.
4. A hard metamorphic rock used to cover floors and make statues.
5. A type of sedimentary rock made up of grains of sand.
6. The "stripes" in sedimentary rocks
7. Weathered pieces of rock that are stuck together to make other rocks.
9. Metamorphic means _____.
12. A type of igneous rock that has large crystals. The capitol building in Austin is made of this.

Down

1. Rocks made from cooling magma or lava.
2. One thing that changes igneous rock into sedimentary rock.
4. Rocks that have been changed by heat or pressure.
8. Melted rock inside the earth.
10. One thing that changes sedimentary rock into metamorphic rock.
11. Melted rock that oozes or blasts onto the surface of the earth

Rocks and Minerals



The rocks of the earth are important for many reasons. We use them for building and for their ores and minerals. Read page 385 – 390 in Space and Earth (Book B) to find how rocks are formed and classified. Answer the questions below.

1. What is the difference between a rock and a mineral?
2. Name the three major types of rocks and explain how each is formed.
3. Which type of rock is the most abundant in the surface of the earth's crust.
4. How do creationary geologists believe the sediments for most of the sedimentary rocks were deposited?
5. What are the layers of sedimentary rocks called?
6. What is the difference between clastic and nonclastic rock.
7. List three categories of clastic rocks.
8. In geology, what is a matrix?
9. What gives sandstone its color?
10. What is the difference between conglomerate and breccia?
11. If a rock has large spaces between its grains, does it have a high porosity or a low porosity?
12. What is permeability?
13. What is a difference between shale and siltstone?
14. How is limestone formed?
15. What is a salt dome?

Want to Know More?

Read pages 402 – 409 to learn about igneous and metamorphic rocks.

