What is science?

What is a scientist?
How can you do science?
How do we collaborate as a team in science?
How do scientists keep accurate records of their investigations?
How do scientists answer questions?
How do models help scientists?

How can water cause changes in earth materials?
What happens to earth materials that are always out in the weather?
How can wind and sand together make rocks change?
How does downhill movement affect earth materials?
How do engineers use scientific knowledge about downhill movement to solve problems?
How does water move?
How does the surface of the earth affect how water flows?
What can we learn from making a model of the Mississippi River and its watershed?
How is a stream model like a real stream?
What can you learn about streams from models?
How is a stream model different from a real stream?
How does a stream cause slow and rapid changes to the earth's surface over time?
How does the speed of the water – how fast or slow the water moves in a stream – affect how it changes the earth materials around it?
What happens to earth materials in a stream?
What are some things on the earth’s surface that are slowly changing?
What are some ways the earth changes other than erosion and deposition?
How are fast changes in the earth’s surface related to slow changes?
What causes earthquakes and how does this affect the Earth’s surface?
What happens to rock over time and how does this relate to slow and fast change?
Why do authors write about the Earth?
In what ways do humans change the surface of the Earth?
Which of these changes would you categorize good – bad – neutral and why?
Should people change the surface of the earth?
What are the causes of change to the Earth’s surface?
What does the Earth's surface look like before and after change?

What caused the change?