



Science Virtual Learning

8th Grade Science

Relative Dating & Fossils

May 18, 2020



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Lesson: May 18, 2020

Objective/Learning Target:

I can explain what a fossil is and how they are dated in layers of rock.

Bellwork

- Watch this video
- Write down 3-5 facts about how fossils are dated.





Today

Read about fossils
[using this site.](#)

Write down what a
fossil is and how
they are formed on a
piece of paper.

Read this [article](#) about
Relative Dating.

Answer these questions
about the article:

1. What is relative dating?
2. What is superposition?
3. What is an index
fossil?

1. Complete [this worksheet](#) about relative dating and fossils. (**Answers** at the end of the lesson)
2. Watch this National Geographic video about fossils





Review

1. Play this [fossil hunter](#) game
2. Play this [quizizz](#) at least 2 times

Worksheet on page 4 **Answers:**

1. C - because that is the bottom layer and the bottom layer forms first.
2. CBA - The layers form from the bottom and newer layers build on top. (Superposition)
3. C & D - They have the same rock type and fossils in it.
4. F is the oldest, because if C & D are the same age, F would be the lowest layer, making it the oldest.
5. A would be the youngest. Again, if C & D are the same age, A would be the layer closest to the surface, making it the youngest.



Answers

1. Answers for the Relative Dating Article
 - a. Relative Dating- **arranging geological events based off of the rocks left behind.**
 - b. Superposition- **Oldest is at the bottom, youngest is at the top.**
 - c. What is an index fossil- **Lives during a specific time period and there are usually a large number of them found. These are used to “date” the fossils found.**