Smithsonian ScienceHow?

Exploring Fossil Ammonites with Paleobiologist Lucy Chang

Companion Worksheet

Reference the Complementary Smithsonian Learning Lab Collection to show your students ammonite fossils: ***https://learninglab.si.edu/collections/ammonites/Lw31D4zJ8XRsDpXR#r***

1. **Ammonites are all extinct**
   a. True
   b. False

2. **What living animal today are ammonites most closely related to?**
   a. Snails
   b. Squids
   c. Nautilus
   d. Hermit crabs

3. **Ammonite fossils help geologists figure out how old the rocks surrounding them are.**
   a. True
   b. False

4. **Ammonite fossils are very rare**
   a. True
   b. False

5. **All ammonites have _____ .**

6. **Ammonite shells have chambers that can be filled with _____ to help them float and move around in the ocean.**

7. **Scientists can study ammonite fossils to learn about _____ .**

8. **Draw an ammonite (Fossil or alive!) on the other side of this sheet.**

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TEACHER ANSWER SHEET

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5. **All ammonites have _____ . (*A shell*)**

6. **Ammonite shells have chambers that can be filled with _____ to help them float and move around in the ocean. (*Gas or air*)**

7. **Scientists can study ammonite fossils to learn about _____.**
   (*So many answers are possible! Some might include: extinction, evolution, how things fossilize, how ammonites moved, how ammonites changed*)

8. **Draw an ammonite (Fossil or alive!) on the other side of this sheet.**