

April 9, 2022

Deep-sea 'Octomoms' Seek the Heat

Student Comprehension Worksheet

Directions: Read the online *Science News* article "[Some deep-sea octopuses aren't the long-haul moms scientists thought they were](#)," and answer the following questions. A version of the article, "Deep-sea 'octomoms' seek the heat," appears in the April 9, 2022 issue of *Science News*.

1. What is the Octopus Garden? Why is it called that?
2. What did scientists predict about the brooding period in the octopus garden and why?
3. What data did scientists collect to try to verify their predictions?
4. What tools did they use to collect that data? Why?
5. What did the collected data ultimately reveal? List at least two findings.
6. What did researchers conclude based on these findings?
7. Why is a shorter brooding period beneficial from an evolutionary perspective?
8. Are octopus moms the only animals that seek out warm waters for breeding? Explain.