

Parents: When doing the rock flipping activity please use these inquiry questions to guide your groups experience while at the tide pools. You may not be able to get to all of the questions and they do not have to be stated word for word, but please have a general idea so that you can get some conversation generated.

1. What are the differences that you can see (without touching yet) between rocks on rocks, rocks in sand, rocks with or without algae (a little or a lot), and wet and dry rocks.
2. Which type of rocks do you think will most likely have the best selection of tidal pool animals living underneath them? Why?
3. When a rock is flipped over that is rock on rock, or rock in sand, why do you see what you see?
4. Describe the animals that you see when a rock is flipped over;
 - How do the animals move?
 - What parts of the body help the animal move forward?
 - What other movements or behaviors do you see?
 - What parts are used to move, catch, or eat food?
 - What parts of the animal don't move?
5. Why do you think you find more animals in rock-on-rock areas compared to rock-on-sand areas.
6. What is the difference between the animals you find in little to no water, compared to animals you find in deeper water? Are the animals open or closed, feeding or not feeding.
7. Why do you think that some the different animals are different sizes, the same size or camouflaged.

Post activity inquiry question.

8. Why do you think it is important to check under more than just one rock?