Crazy Creatures

Materials List:
- Images of Animals
Optional:
- Paper
- Writing Utensil

Cool Facts:
- **Extremophiles** refer to organisms that call EXTREME environments their home. They can cope with high or low temperatures, and high pressure environments, too!
- Tardigrades, also known as Water Bears, can survive in outer space!
- While small, the Mantis Shrimp has a powerful strike, with its punch moving at 50 mph.

Instructions:
1. **Option 1**: Select animals from a book.
   **Option 2**: Collect images of animals (ex. printed from the internet or cut from magazines).
2. Using your observation skills, identify distinguishing features about each of the animals you selected.
   a. This can be done by one person or the images can be divided between multiple people.
   b. Write down two to three clues, going from hard to easy, that help identify the animal.
      o Examples: description of appearance, favorite food, adaptations, preferred habitat.
3. Now we are ready to play: Give the first clue and allow time for the other player(s) to look through the images/book before giving the next clue.
   a. If you want to make the game more challenging, use more difficult descriptions.

Option 3: This game can be done from memory, with verbal descriptions of familiar animals.

I Want to Learn More!
- Where does your favorite animal like to live? What adaptations do they need to survive there?
- Research an animal you would like to learn more about.
- **Biomes** are regions classified by plants and animals living there with similar characteristics. How many can you identify?
- View the ways animals eat and move in Animal Spot at the Duke Energy Children’s Museum.

Additional Resources:
- [https://ucmp.berkeley.edu/exhibits/biomes/index.php](https://ucmp.berkeley.edu/exhibits/biomes/index.php)
- [https://animalchannel.co/15-unique-animals/](https://animalchannel.co/15-unique-animals/)
- [https://www.nationalgeographic.com/science/phenomena/2008/07/19/the-mantis-shrimp-has-the-worlds-fastest-punch/#close](https://www.nationalgeographic.com/science/phenomena/2008/07/19/the-mantis-shrimp-has-the-worlds-fastest-punch/#close)
- [https://lco.global/spacebook/astrobiology/what-are-extremophiles/](https://lco.global/spacebook/astrobiology/what-are-extremophiles/)