**DETOUR**

**Team Name:** OSU 1

**Exhibit or Area of Zoo:** Roaming peacocks

**List the observation, or discrepant event, that prompted your curiosity.**

2 peacocks: 1 regular color, 1 albino

**What SCIENCE questions or prompts come to mind?**

If the colors and feathers are for mating, does the albino not find a mate?

**What TECHNOLOGY questions or prompts come to mind?**

What are the toes on their feet used for?

**What ENGINEERING questions or prompts come to mind?**

Peacocks are free to roam the zoo, but if you were to build them a habitat, what would you put in it and how?

**What MATH questions or prompts come to mind?**

Measuring wingspan (will help with making habitat).

**DETOUR**

**Team Name:** OSU 1

**Exhibit or Area of Zoo:** Flamingos

**List the observation, or discrepant event, that prompted your curiosity.**

Noises and talking to each other.

**What SCIENCE questions or prompts come to mind?**

How do they drink water with their heads upside down?

**What TECHNOLOGY questions or prompts come to mind?**

Track how they migrate and fly.

**What ENGINEERING questions or prompts come to mind?**

How would you make a beak to be able to mimic theirs?

**What MATH questions or prompts come to mind?**

What is the length of the legs compared to the neck?

What shapes can they make when 2 put their beaks together?

**DETOUR**

**Team Name:** OSU 1

**Exhibit or Area of Zoo:** Python

**List the observation, or discrepant event, that prompted your curiosity.**

Taking a bath.

Is the water hot or cold?

**What SCIENCE questions or prompts come to mind?**

How do they breath underwater?

**What TECHNOLOGY questions or prompts come to mind?**

Determine how snakes move and why?

Can they move straight or sideways?

**What ENGINEERING questions or prompts come to mind?**

How do they adapt to habitats?

Should he have more water in his area?

**What MATH questions or prompts come to mind?**

Why does he have that certain pattern? Do other pythons have the same pattern?

**DETOUR**

**Team Name:** OSU 1

**Exhibit or Area of Zoo:** Bats

**List the observation, or discrepant event, that prompted your curiosity.**

Bats on the ground

**What SCIENCE questions or prompts come to mind?**

Why do they hang upside down and how?

**What TECHNOLOGY questions or prompts come to mind?**

How blind children are learning to use echolocation.

**What ENGINEERING questions or prompts come to mind?**

How does echolocation work?

**What MATH questions or prompts come to mind?**

How many can fit into a certain area?