**DETOUR**

**Team Name:** OCC 1

**Exhibit or Area of Zoo:** Oklahoma Trails – Swift Fox

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

* So cute
* Looked at us
* Laying in a group
* What does a fox say?

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

Why are they sleeping during the day? What are their sleeping patterns?

What do they eat?

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

How do you measure (what instrument) how fast they are?

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

How do you construct a good fox habitat?

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

How many live in a pack?

**DETOUR**

**Team Name:** OCC 1

**Exhibit or Area of Zoo:** Herpetarium – West African Gaboon Viper

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

How the West African Gaboon Viper camouflaged with the leaves. The pointed nose.

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

Why is it its head so wide? How does it eat an antelope?

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

How can the venom be used to create new medicines?

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

What temperature does the area have to be for the viper to survive?

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

Do the symmetric patterns mean anything? Is it for a specific reason? How fast does it move? How much does it eat?

**DETOUR**

**Team Name:** OCC 1

**Exhibit or Area of Zoo:** Animals of the Night – Insectivorous Bats

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

Some bats were laying on the ground and we thought they were hurt.

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

Why do they hang upside down? Why do they hang in clusters?

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

How dim does the light need to be?

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

How do you construct a cage appropriate for the bats to hang from?

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

How many times do their wings flap per minute?

**DETOUR**

**Team Name:** OCC 1

**Exhibit or Area of Zoo:** Aquarium – Sea Lion

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

Do the sea lions sleep under water? Camouflage.

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

How long can they breathe/stay under water?

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

How is the water temperature maintained?

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

What materials are used to construct the habitat?

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

Does the pattern of spots on the seal mean anything?