



# 1<sup>st</sup> Grade Spotlight:

## How the World Works



An inquiry into how humans use their understanding of scientific principles.

*This IB unit takes a look at the sun and the stars.*

**Central Idea: *People can use observations and knowledge to make sense of the world around them.***

### **Our unit will dive into...**

\* Observing objects in the sky (i.e. sun and stars) (Form) \*How the sun and stars impact the world (Function) \*Understanding our place in the world (Reflection)

### **We will explore these key concepts:**

\* **Form-** What is it like? **Function-** How does it work? \***Reflection-** How do we know?

### **Our guiding questions will include:**

\* Why does the sky appear to change during the day/night? \*How can we investigate objects in space? \*What are some scientific laws and how do we know that they exist?

### **We will focus on being these Learner Profile attributes:**

\* **Risk Taker-** We try new things. \***Inquirer-** We ask questions and are curious.

### **We will demonstrate these IB Attitudes:**

\***Commitment-** We are dedicated. \***Independence-**We show self-determination. \***Confidence-** We have the courage to take risks.

### **We will practice these skills:**

\* **Research Skills-**We will collect data, record data, and observe.

