Teacher Instructions:

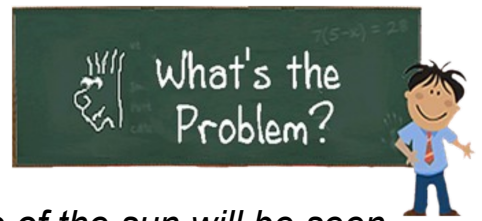**What's the Problem?**

Problem Scenario: *Solar Eclipse Party*

The Main Problem: *On August 8, 2024, a total eclipse of the sun will be seen in many parts of America. This rare event has generated a great deal of excitement, and you want to embrace that by holding an "Eclipse Party" for that day. You must plan this event, including the location, time, activities, and other details that will help everyone enjoy and take full advantage of the moment.*

Your students will be viewing this problem from an **integrated** *perspective.*

What goes into planning an Eclipse Party?

Students will review the details of the Solar Eclipse and decide how that can help them plan a party to celebrate the event.

Step ① Review Stimulus Items

Stimulus Item #1— "Planning an Eclipse Party" (Tips)

Stimulus Item #2— "Solar Eclipse Fact Sheet" (Flyer)

Stimulus Item #3— "Solar Eclipse Location & Times" (Map)

**Students should take notes as they review the Stimulus Items

Step ② Classroom Discussion

Lead a **class discussion** about issues related to the topic.
You are being provided a sheet to help you guide the classroom discussion.

Extended Responses: Have students answer the following questions. Remind students to use information from the Stimulus Items to support their response.

1. **Why are people excited about the Solar Eclipse? How can an "Eclipse Party" help people take full advantage of the event?**

2. **What will be the main features of your "Eclipse Party", including the time, location, and activities?**

Step ③ Student Response

***students should have access to their notes as they enter their answers

***students may also have access to the Stimulus Items as they enter their answers

EXTENDED PRODUCT (Optional): Divide your students into groups, with each group forming the **Planning Committee for an "Eclipse Party"** to celebrate the Solar Eclipse on April 8th. The purpose of this party is to help everyone enjoy and take full advantage of this rare event. Groups should decide on the time, location, and activities. Obviously, they want guests to view the eclipse, but attendees should also learn about what they're witnessing and interact in other ways. Each group should **design an invitation**, **plan a schedule or agenda** for the event, and also **create a list of supplies needed** to make their "Eclipse Party" successful.

Step ④ Analysis

Rubrics to grade student entries have been provided, and all questions have been mapped to the content standards.