

Post-Launch Lesson Plan

GRADE 3, PLANET I | INVESTIGATING FOR CLUES

Objectives

- Students will develop a deeper understanding of investigative occupations.

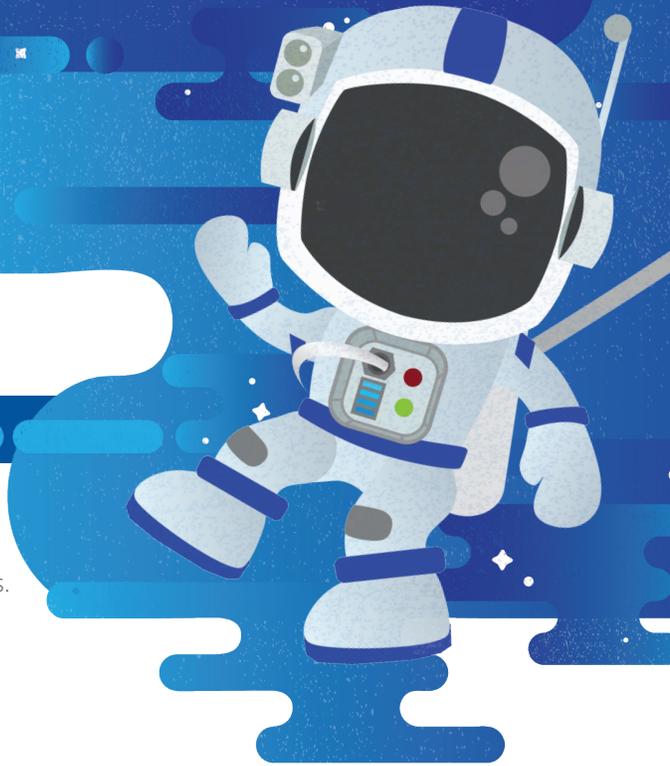
Preparation & Materials Needed

- No materials needed.

Lesson Plan

Total Time: 15-25 minutes

INTRODUCTION 8-10 Minutes	<p>After completing the visit to Planet I, check for student understanding by asking the class to help you list on the board – as a reminder – some of the things that investigative individuals like to do. The list may include:</p> <ul style="list-style-type: none">• Solving problems.• Asking questions.• Looking for answers.• Finding cures.• Learning why animals or people are sick.• Reading test results.• Predicting the weather. <p>To continue the reflection, ask students:</p> <ul style="list-style-type: none">• <i>What did you learn about investigative individuals or careers?</i>• <i>Would you say that investigative individuals are curious?</i>• <i>What do you like to do that might be considered investigative?</i>
ACTIVITY 8-10 Minutes	<p>Introduce the following activity by reminding the class that finding clues and investigating things are skills that investigative individuals enjoy doing, and do well. Tell the class that you are going to give them several “clues” about different investigative occupations and they are to try and guess the name of the occupation.</p> <p>Preface the activity by telling students they must wait until you have read all the clues before they respond. Determine if you wish for students to respond by raising their hand or by writing on a piece of paper, or both.</p>



[Alternatively, you could divide students into groups so they can provide a group response after the clues are read. Or give student groups the clues and have one student read the clues while the other students guess the related occupational title.]

Investigative Occupations and Clues

X-Ray Technician

- *I enjoy helping people who may have an illness or disease.*
- *I like working in a medical setting with doctors.*
- *I like to look at images that provide clues to medical issues.*
- *I like to examine x-rays.*
- *What is my occupational title?*

Archeologist

- *I like working outside.*
- *I can spend hours working in the soil with small tools.*
- *I like discovering things that may be very old.*
- *I enjoy uncovering bones or artifacts in the ground.*
- *What is my occupational title?*

Data Analyst

- *I like working inside.*
- *I enjoy using my computer to examine and analyze numbers.*
- *I like statistics.*
- *I enjoy making conclusions based on details.*
- *What is my occupational title?*

Astronomer

- *I enjoy looking up at the sky.*
- *I like using a telescope.*
- *I enjoy studying the planets and various orbits.*
- *I am good at working with numbers and data.*
- *What is my occupational title?*

ACTIVITY
(continued)
8-10 Minutes



<p>ACTIVITY (continued) 8-10 Minutes</p>	<p>Drafter/Drafting Technician or Engineer</p> <ul style="list-style-type: none">• <i>I like working both inside and outside.</i>• <i>I am good at math.</i>• <i>I have the ability to visualize a structure before it is built.</i>• <i>I enjoy helping cities design and build bridges and roads.</i>• <i>What is my occupational title?</i>
<p>EXTENSION 8-10 Minutes</p>	<p>Extend the activity by creating clues for additional investigative occupations or by engaging students in writing one or two sets of clues for an investigative occupation of their choice then sharing their clues with a another student partner or small group.</p>
<p>CONCLUSION 1-2 Minutes</p>	<p>Conclude the lesson by telling students that if they enjoyed the visit to Planet I and the activity today that they may be interested in future investigative careers.</p>