

Lesson **Earth with Three Moons: What Changes?** for 9-10th grade

The Three-Moon Earth: World's Survivor Kit

You will create a **Survivor Kit for Life on Three-Moon Earth** — a collection of items that help humans live safely and sustainably in this new world.






How to Do It

You need to explain **5–7 original items** (take ideas from the video lesson). Each item must:

- Solve a **real problem caused by having three moons**
- Should be **possible to make** using Science or Math principles
- Help **humans, animals, or the planet adapt**

To Get You Started (Guiding Hints)

Here are **a few changes** we discussed in the lesson that *might* require new tools or systems:

-  **Brighter nights** that make it hard to sleep or observe stars
-  **Stronger and unpredictable tides** affecting coastal areas
-  **Animals getting confused** because moonlight comes often
-  **Satellites and GPS systems** struggling with extra gravity
-  **Human schedules** no longer matching day–night cycles

What Each Kit Item Must Include. For **each item**, explain:

1. **Item Name**
2. **What problem does it solve?** (What changed because of the three moons?)
3. **How does it work?** (Use science ideas like gravity, tides, light, or prediction.)
4. **Who uses it?** (People, animals, scientists, cities, etc.)

Upload: PDF, PPT or image of A labeled kit page (like a field guide), foldable or mini booklet, poster or a “starter manual” for new citizens of Three-Moon Earth
