

MORNING ASSEMBLY · GRADES 2–6

Morning Assembly

Week 2 — Amazing Space Discovery

Slide 1 — Opening

Good morning! This week, scientists using the James Webb Space Telescope made an incredible discovery. They found something amazing about planets far, far away from Earth. Let's find out what.

Slide 2 — What they discovered

Scientists discovered a planet where it might rain... GEMS. Yes, actual gems like rubies and sapphires! The planet is called WASP-121b, and it's so hot that rocks melt in the air and fall like rain. [Adapt this to whatever recent discovery is current — this is a template.]

Slide 3 — How do we know this?

The James Webb telescope is like a giant eye in space. It's so powerful it can see planets around other stars — something impossible just 20 years ago. Scientists look at the light coming from these planets to figure out what they're made of.

Slide 4 — Why this matters

Every time we learn something new about space, we understand more about our own planet Earth. These discoveries help us learn how planets form, how weather works, and maybe even find planets where life could exist.

Slide 5 — Your space question

Today's question: If you could send a space probe anywhere in the universe, where would you send it? What would you want it to discover? Talk to the person next to you for 30 seconds, then we'll hear some ideas.



Notes for teachers

This template works for any space discovery. Recent examples: exoplanet discoveries, Mars rover findings, asteroid missions, new Webb telescope images. Adapt slide 2 to whatever's current. NASA and ESA websites have kid-friendly explanations of recent discoveries.

