

Test and improve a Moon model

GS_W7B | Tuesday 09:30–10:10 | Name: _____

I can: Use a model to check three Moon views and explain its limits.

Give your own answer by writing, drawing, pointing, speaking or dictating. Keep the first attempt visible.

1 • Make a first decision

A torch-and-ball model puts the ball in your head's shadow. Does that show an ordinary Moon phase?

2 • Our shared task

Match each observation with the relevant idea, then improve one sentence.

- A: A crescent becomes a half-Moon view.
- B: Earth's shadow crosses the Moon in a lunar eclipse.
- C: The Moon keeps nearly the same face towards Earth.

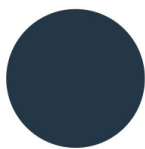
My decision and the evidence for it:

One change after discussion:

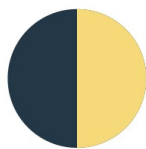
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Independent evidence | GS_W7B

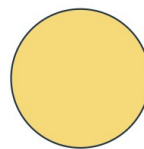
Check three model views, record one correction and explain a limitation. Use the two period values to distinguish an orbit from a phase cycle if ready.



new Moon



half Moon



full Moon

Views from Earth; not to scale. The ball stays round at every position.

My explanation, drawing or recorded evidence:

Optional support: Say what you first thought, point to the model evidence, then change one part of the same explanation.

Exit: What correction made your explanation more accurate?

What I want to revisit: _____ Agreed next action: _____