MYTEK LAB

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CERTIFICATE OF ACHIEVEMENT

LEARNING KIT COMPLETION

This certifies that

Your Name

SAMPLE

has completed every step of the learning kit

Catch the Moon

Earth and space science

Stephen Souders

MYTEK LAB

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LEARNING KIT

2026

November 15, 2026

DATE COMPLETED

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STEPS COMPLETED

Certificate SAMPLE

LEARNER

Your Name

SUBJECT

Earth and space science

Each step below was done with the kit **Catch the Moon**, finished November 15, 2026.

- ✓ Step 1: Test the shadow idea
- ✓ Step 2: A month in a minute
- ✓ Step 3: Catch the real Moon
- ✓ Step 4: Why not every month?
- ✓ Step 5: Two high tides
- ✓ Step 6: Explain it

SAMPLE

For the parent or teacher

Sign here when you have seen the work.

PARENT OR TEACHER SIGNATURE

DATE

MY WORK

Your Name: Catch the Moon

Phases I put the Moon at	8
Nights I went out to look	2
Puzzles solved	4
Why the Moon changes shape, in my words	The Sun always lights half of the Moon. As it goes round the Earth we see more or less of that lit half.
Step 1. What you picked first, and what you picked after.	(what the learner wrote)
Step 1. Where Earth's shadow was when the Moon was a crescent.	(what the learner wrote)
Step 2. When does a full Moon come up? When does a first quarter Moon come up?	(what the learner wrote)
Step 2. What looked different from Sydney?	(what the learner wrote)
Step 3. What you predicted, and what you saw, on each night.	(what the learner wrote)
Step 3. Did the Moon move or change shape between your two nights?	(what the learner wrote)
Step 4. What happened to the eclipses when the path was flat?	(what the learner wrote)
Step 4. What color did the Moon turn in a total eclipse, and why?	(what the learner wrote)
Step 5. How many high tides did the beach get in one day?	(what the learner wrote)
Step 5. When in the month were the tides biggest?	(what the learner wrote)
Step 6. Which puzzle was hardest?	(what the learner wrote)
Step 6. Your explanation, in your own words.	(what the learner wrote)