KS2 SCIENCE · EARTH AND SPACE (YEAR 5)

My Moon Diary

Look at the Moon every day for a month. Draw what you see.

Name: _____

Date: _____

Start date: _____ Where I looked from: _____

Day 1 Date ___

Time ___ Seen? Y / N

Day 2 Date ___

Time ___ Seen? Y / N

Day 3 Date ___

Time ___ Seen? Y / N

Day 4 Date ___

Time ___ Seen? Y / N

Day 5 Date ___

Time ___ Seen? Y / N

Day 6 Date ___

Time ___ Seen? Y / N

Day 7 Date ___

Time ___ Seen? Y / N

Day 8 Date ___

Time ___ Seen? Y / N

Day 9 Date ___

Time ___ Seen? Y / N

Day 10 Date ___

Time ___ Seen? Y / N

Day 11 Date ___

Time ___ Seen? Y / N

Day 12 Date ___

Time ___ Seen? Y / N

Day 13 Date ___

Time ___ Seen? Y / N

Day 14 Date ___

Time ___ Seen? Y / N

Day 15 Date ___

Time ___ Seen? Y / N

Day 16 Date ___

Time ___ Seen? Y / N

Day 17 Date ___

Time ___ Seen? Y / N

Day 18 Date ___

Time ___ Seen? Y / N

Day 19 Date ___

Time ___ Seen? Y / N

Day 20 Date ___

Time ___ Seen? Y / N

Day 21 Date ___

Time ___ Seen? Y / N

Day 22 Date ___

Time ___ Seen? Y / N

Day 23 Date ___

Time ___ Seen? Y / N

Day 24 Date ___

Time ___ Seen? Y / N

Day 25 Date ___

Time ___ Seen? Y / N

Day 26 Date ___

Time ___ Seen? Y / N

Day 27 Date ___

Time ___ Seen? Y / N

Day 28 Date ___

Time ___ Seen? Y / N

Day 29 Date ___

Time ___ Seen? Y / N

Day 30 Date ___

Time ___ Seen? Y / N

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What did you find out?

Look at your diary. Look for patterns.

PATTERNS

1. On which day did you see a full Moon (round and fully lit)?

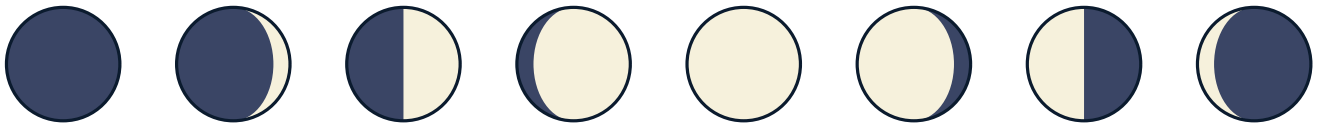
2. How many days were there from one full Moon to the next? (If you saw two.)

3. When the Moon was growing (waxing), which side was lit: the left or the right?

4. Did you ever see the Moon in the daytime? On which days?

5. On some days you could not see the Moon. Give two possible reasons.

HELPER: THE 8 PHASES (UK VIEW)



New Moon · Waxing crescent · First quarter · Waxing gibbous · Full Moon · Waning gibbous · Last quarter · Waning crescent

STAY SAFE AND TEACHER NOTE

Never look at the Sun, even when you are looking for the Moon in the day.
Look at the Moon with an adult when it is dark outside.

Teacher note: this is a working scientifically task (observe over time, record, look for patterns).
Expected patterns: about 29.5 days between full Moons; from the UK the lit part grows on the right; near new Moon it is hard to see; the Moon is often visible in the daytime, especially near the quarters.
Reasons for not seeing it: clouds, it was near new Moon, or it had not risen yet / had already set.