

Visit Trail



Astronomy Trail

Guiding Trail - Astronomy

Name:

Unit:

Date:

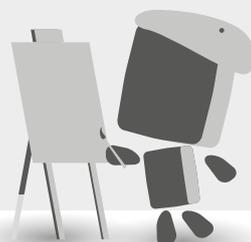
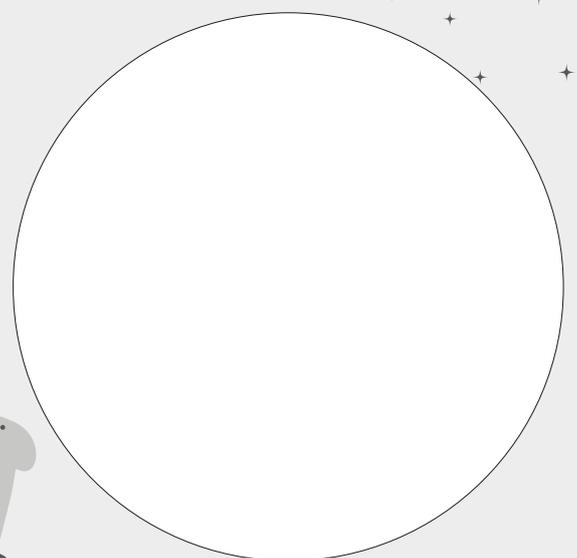
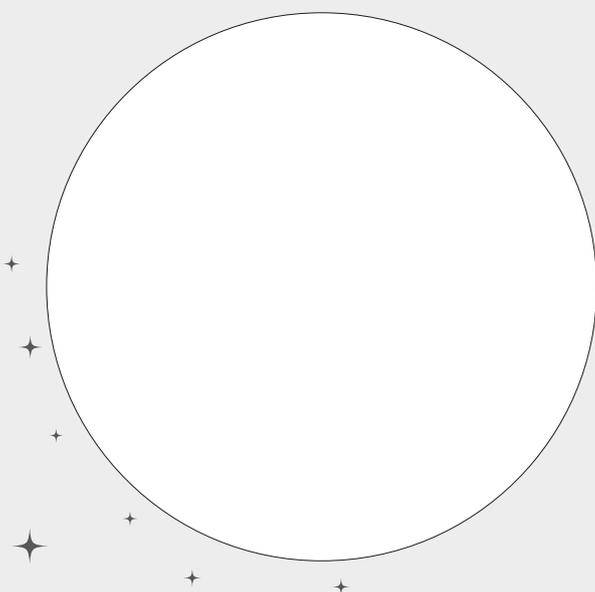


To begin the trail, have a go at using **Professor Clegg's Observatory**.

Question 1

Can you identify two constellations in our night sky? Can you draw them? Why not look online and find out their stories when you get home?

Hint: watching our Tour of the Night Sky Planetarium show may help you with this question.





Look around **Our Solar System** gallery.

Question 2

Draw a simple diagram of our Solar System.

Hint: use the model above your head in the gallery entrance to help you.

Question 3



Can you name each of the eight planets in our Solar System?

Can you write them in the correct order too?

1.

2.

3.

4.

5.

6.

7.

8.



Question 4

Can you find a face about four of the planets?

Hint: you might find the information in Our Solar System gallery useful!



Question 5

Can you explain why sailors in ancient times needed to know about the stars?

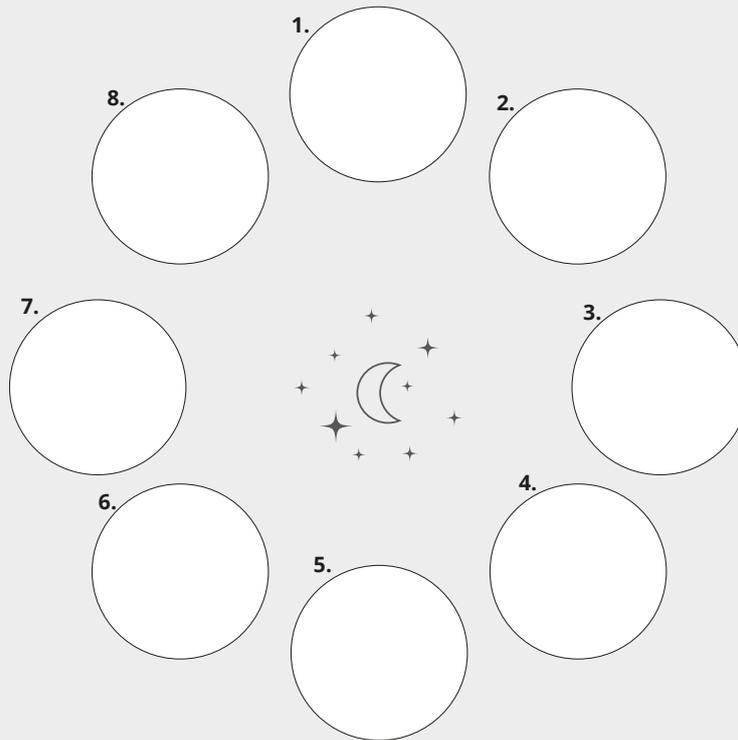
Hint: watching our *Tour of the Night Sky Planetarium show* may help you with this question.



Question 6

Can you name and draw each of the eight phases of the moon?

Think about their shading and patterns in your drawings - can you draw them in the correct order too? *Hint: you may find the "Changing Moon" exhibit helpful!*



Question 7

Can you find a fact about four of the planets?

Hint: you might find the information in Our Solar System gallery useful!



Question 11

Can you find these words in the word search below?

bright

dark

day

light

Moon

night

planets

reflect

stars

Sun

S	U	N	S	M	S	T	A	R	S
R	F	R	E	F	L	E	C	T	C
I	O	O	N	I	G	H	T	P	R
P	S	U	B	N	O	B	V	L	K
L	Y	M	M	H	D	R	B	A	A
I	G	O	L	D	D	I	S	N	M
G	F	O	H	W	A	G	Y	E	E
H	J	N	K	Z	R	H	K	T	K
T	J	R	L	E	K	T	L	S	H
Q	K	A	D	A	Y	C	B	O	P