

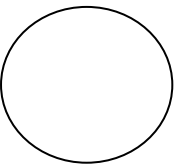
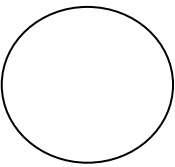
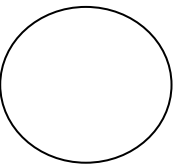
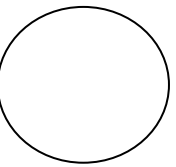
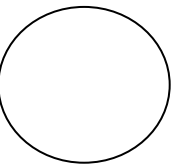
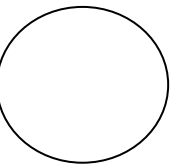
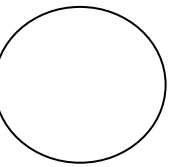
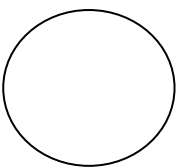
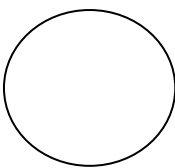
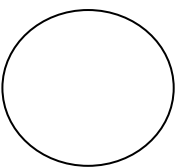
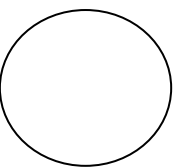
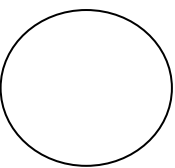
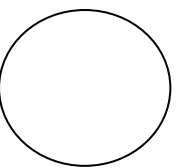
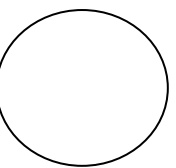
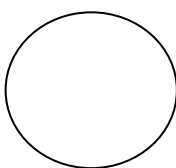
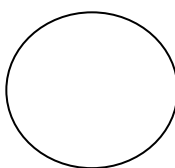
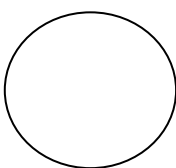
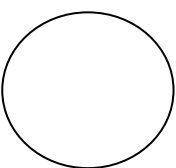
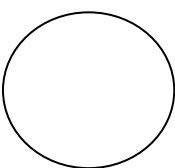
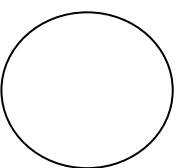
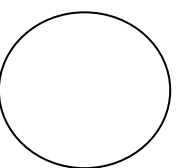
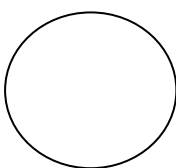
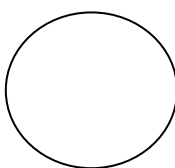
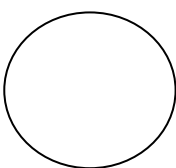
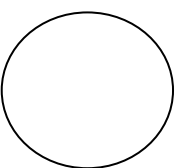
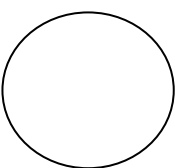
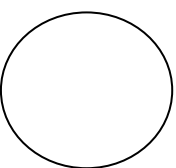
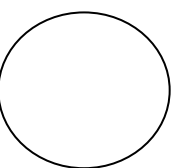
Moon log activity

Use this log to draw down the phases of the Moon during the day and night over a 29 day period.

Note down the time and the weather. What do you notice?

Date started _____

Date finished _____

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						
Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						
Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						
Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						
Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:	Time: Weather:



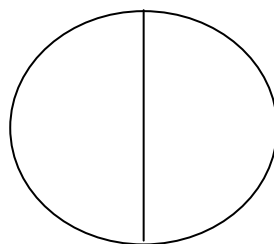
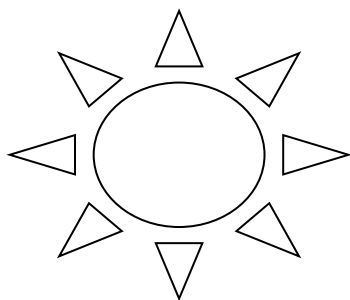
CARTER
OBSERVATORY
TE ARA WHĀNUI
KITE RANGI

Name _____ Date: _____

Day and night

Look at the Sun and the Earth.

On the Earth, colour the day side yellow and the night side black.



The Earth, Moon and Sun

Draw and label a picture of the Sun, Earth, Moon and stars

A large, empty rectangular box with a thin black border, intended for a student to draw a picture of the Sun, Earth, Moon, and stars.

The Earth

The Sun

The Moon

stars



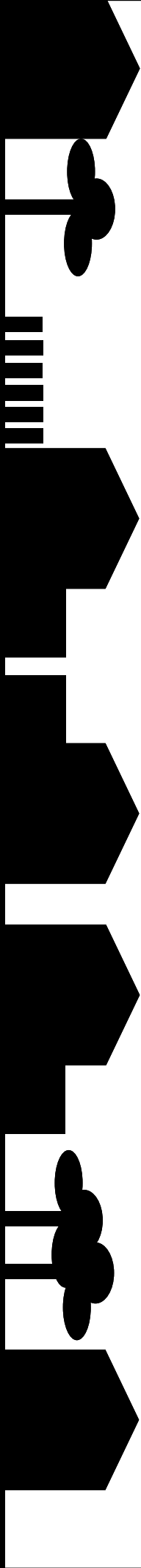
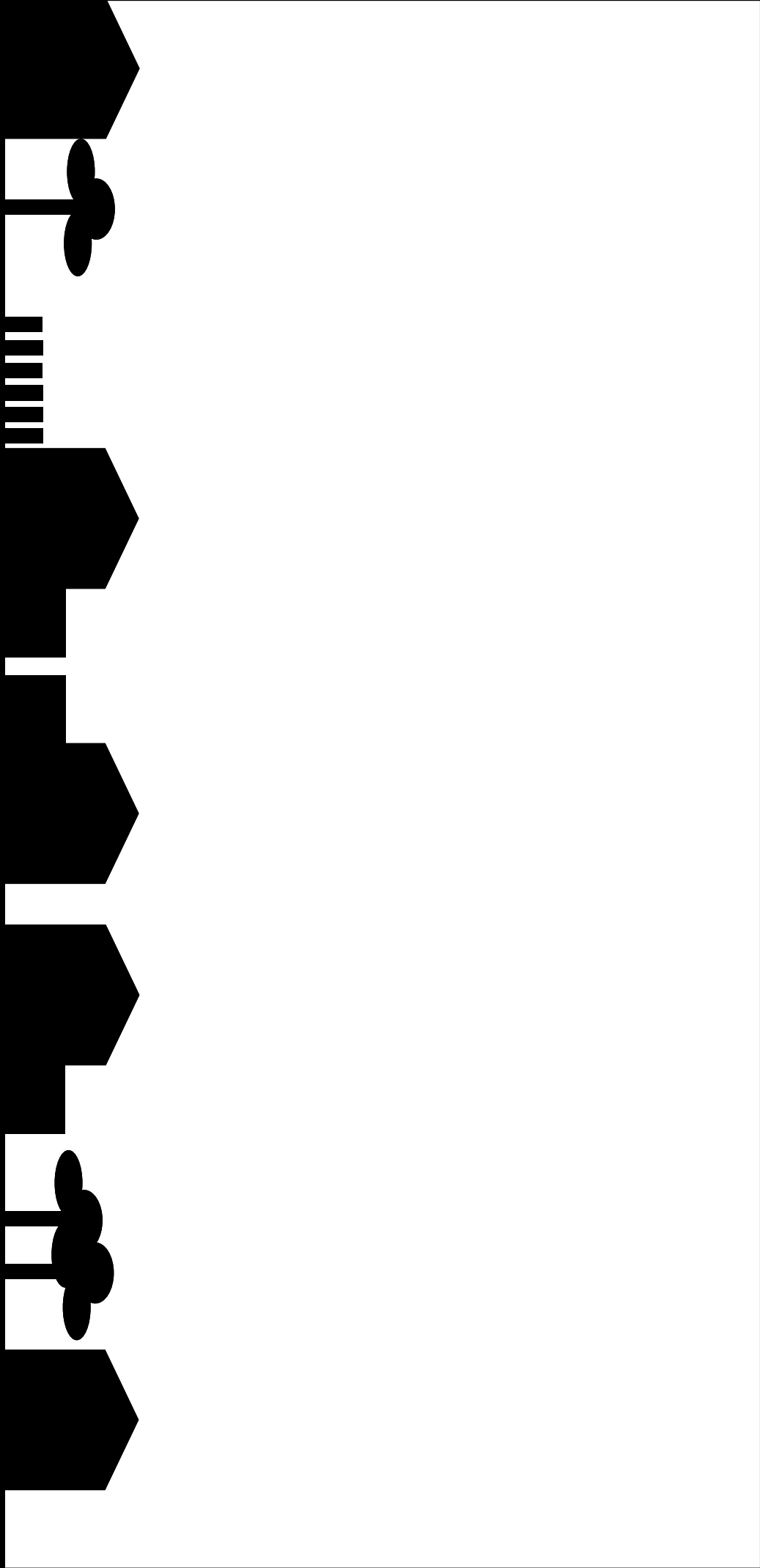
CARTER
OBSERVATORY
TE ARA WHĀNUI
KITE RANGI

Name _____

Date _____

Our night time sky.

Draw what you could see in the night time sky.



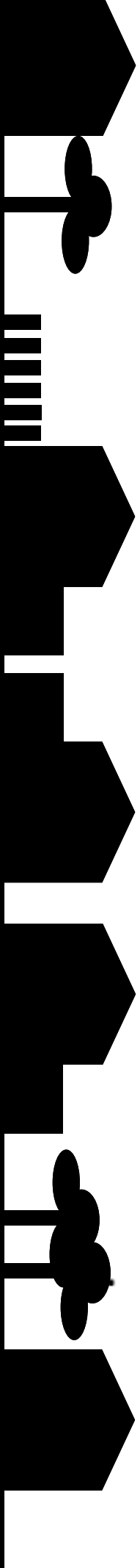
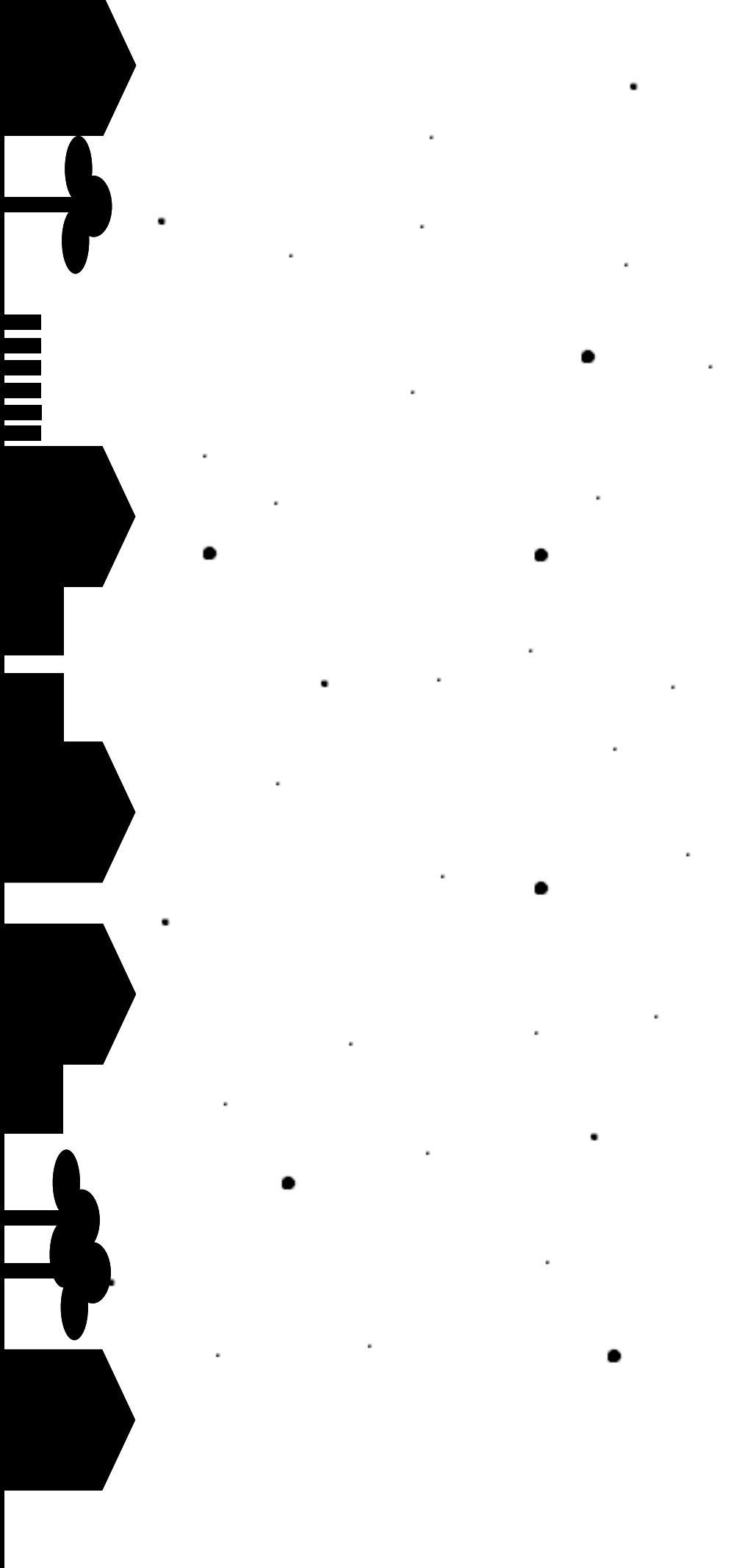
Name _____

Date _____

Constellations

Constellations are just giant dot to dot pictures using the stars. Try drawing some of your own constellations.

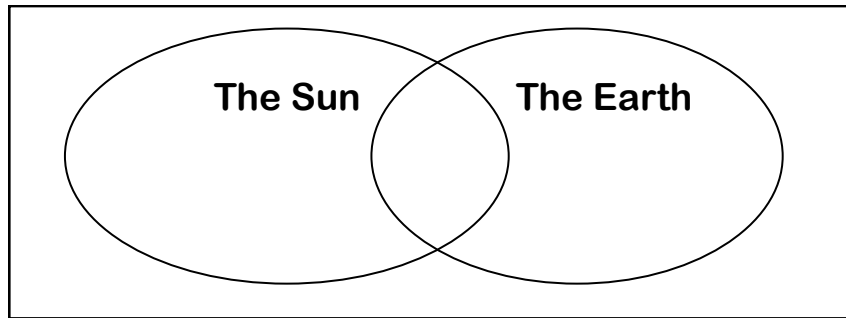
You could give them names or tell stories about them.



The Sun and Earth Sorting activity

Children can sort and discuss which sentence matches either the Sun, Earth, both or neither. This activity could be done in a large group or in pairs.

Draw a Venn diagram on the floor like this: You could add pictures to help younger children identify the sets.



Cut out each sentence and get students to sort them into the diagram.

It is part of the Solar System.	It has one moon.	We live on it.	It is made of gas.
It is a sphere.	It is made of water.	It is hot and bright.	It is made of rock.
It reflects light.	It gives out light.	It has day and night.	It does not have day and night.
It is a star.	It is in the centre of the Solar System.	It does not have seasons.	It does have seasons.
It is a moon.	It is a planet.	It orbits the sun.	It takes 24 hours to spin once.

Discuss with your group the differences they notice between a planet and a star.

Extension: Can they create a diagram for the Moon and the Earth? Or the Earth and another planet?

Night time or daytime?

Cut out these pictures and sort with a T chart.

Are there some which are both in night time and daytime?

