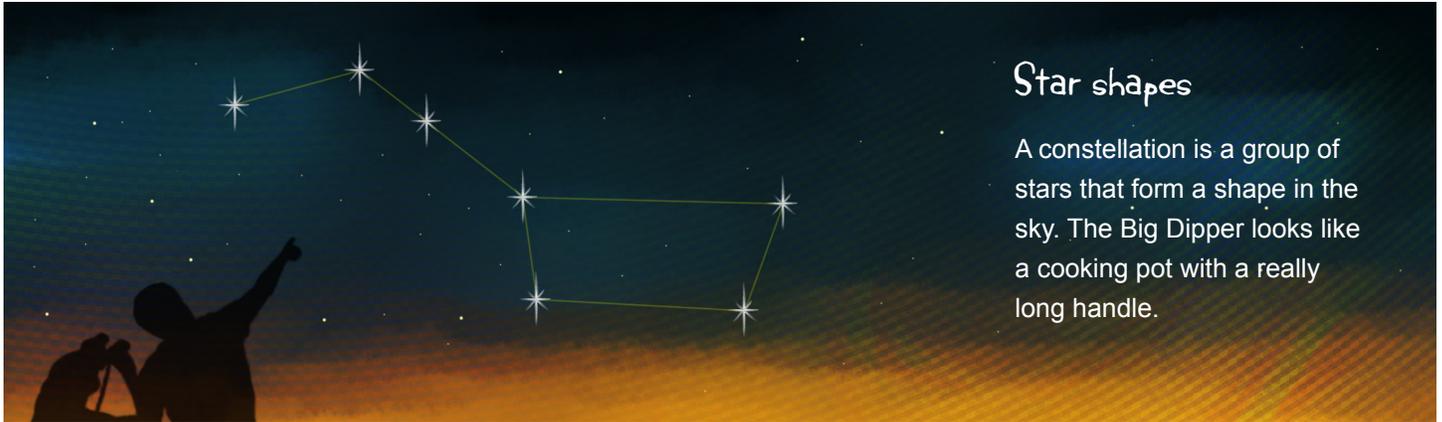




## NIGHT OWL

Night time is a great time for exploring. There are stars in the sky and all sorts of night time creatures to see and hear. Go outside, bring a blanket and get cozy.



### Star shapes

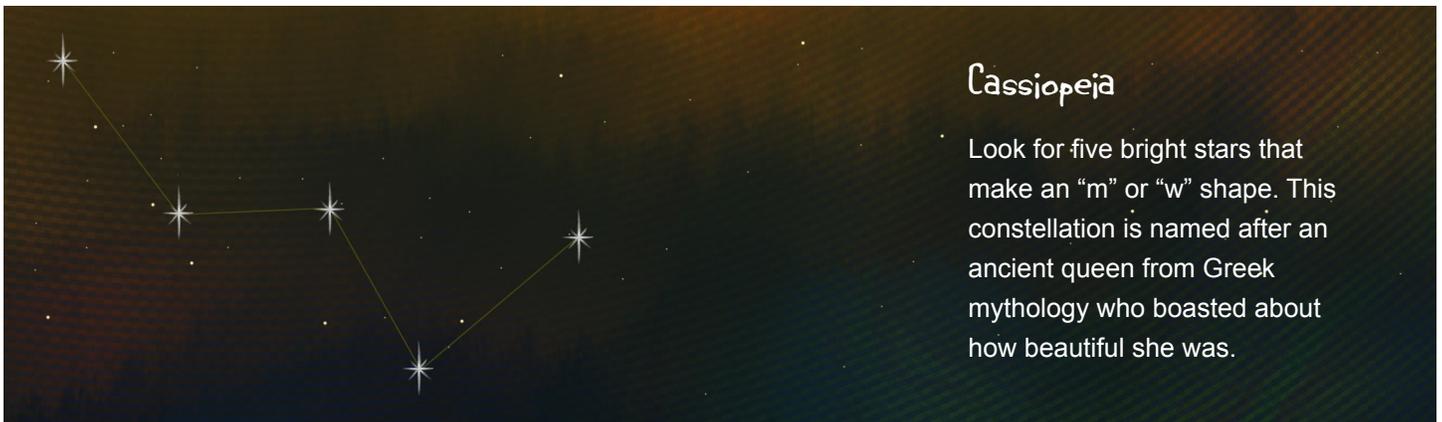
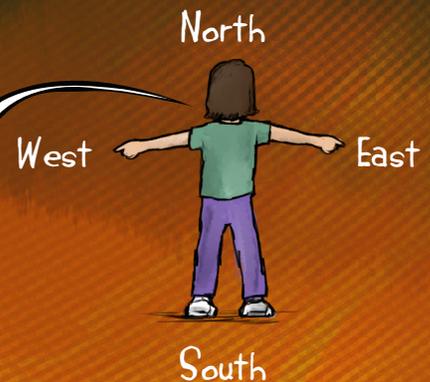
A constellation is a group of stars that form a shape in the sky. The Big Dipper looks like a cooking pot with a really long handle.

### Look to the North

Stand with your left arm stretched out and pointing where the sun sets. Point your right arm where the sun rises. You are facing north. Look carefully - can you see the big pot made of seven stars?

PSST

You can also use a compass or phone to find north.



### Cassiopeia

Look for five bright stars that make an "m" or "w" shape. This constellation is named after an ancient queen from Greek mythology who boasted about how beautiful she was.



# NIGHT OWL

Are you ready for something harder?

Let's look for the Little Dipper.

The Little Dipper looks like an upside down pot made of seven stars. Use the two yellow stars in the Big Dipper to point you towards the end of the handle on the Little Dipper. This star is known as Polaris and "the North Star".



What else can you find in the night?

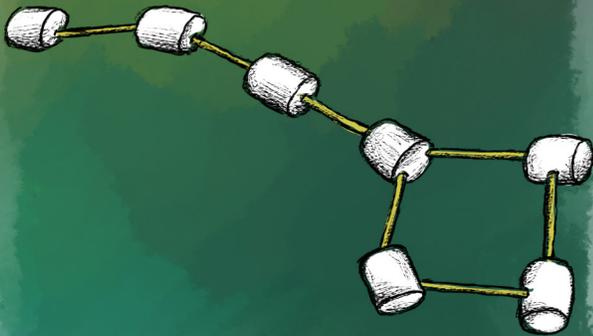
Check off (  ) what you see or hear from the list below.

 <input type="checkbox"/> Moon	 <input type="checkbox"/> The Milky Way (a band of stars across the sky, it's the galaxy that we live in!)	 <input type="checkbox"/> Satellite (a bright light that moves steadily across the sky)
 <input type="checkbox"/> Airplane	<input type="checkbox"/> Owls hooting 	<input type="checkbox"/> More stars 
<input type="checkbox"/> Bat 	<input type="checkbox"/> Shooting star 	<input type="checkbox"/> Moth 
<input type="checkbox"/> Frogs croaking 	<input type="checkbox"/> Firefly 	<input type="checkbox"/> Crickets chirping 

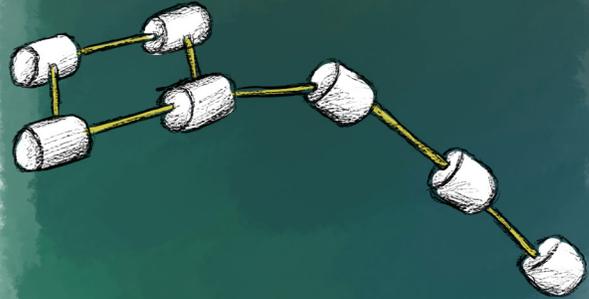
# NIGHT OWL

If it's not nighttime yet, try making these constellation crafts using marshmallows and dry spaghetti. Then, use the models as guides when you look for constellations in the night sky.

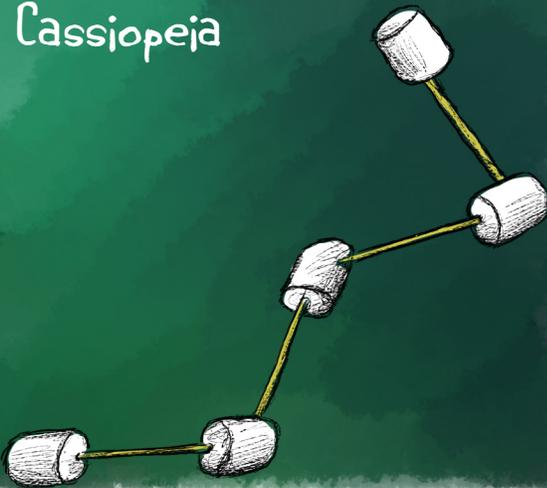
Big Dipper



Little Dipper



Cassiopeia



Cepheus

