

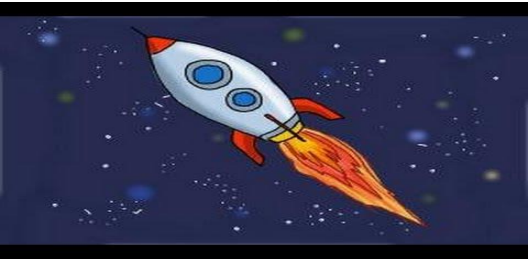
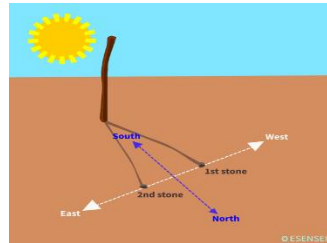




Tapaz Class Home Learning - to infinity and beyond! - Week beginning 18.05.2020

**Choose one or two of these activities to complete each day**

<p><b>Speaking and Listening -</b>  <b>Odd One Out:</b> Begin by naming three items – two that are connected in some way and one that is not and ask someone to choose the odd one out. For example with “train, bus, hair” it is easy to identify the odd one out. “Platypus, cobra, horse” is more challenging. “Chop, chicken, ship” focuses the game on identifying different sounds. “21, 63, 78” turns it into a math challenge.</p>	<p><b>Art – Make your own Solar System</b>            Watch space exploration:  <a href="https://www.youtube.com/watch?time_continue=276&amp;v=C_qSQq469Us&amp;feature=emb_title">https://www.youtube.com/watch?time_continue=276&amp;v=C_qSQq469Us&amp;feature=emb_title</a>            (cut/paste this link into your browser)            and become inspired to design and build your own solar system.            Follow the instructions below to make your own planets.</p>	<p><b>Reading</b>            Read a text of your choice for 20 minutes daily – you could do this independently or read to someone else in your house. Enjoy listening to an audio book online. Access the website below which has hundreds of books to choose from.  <a href="https://stories.audible.com/start-listen">https://stories.audible.com/start-listen</a></p>
<p><b>PE – DO THE SPACEMAN WORKOUT</b>  <b>Follow this link or see the sheet below the grid and have a go at the SPACEMAN workout:</b>  <a href="https://darebee.com/workouts/spaceman-workout.html">https://darebee.com/workouts/spaceman-workout.html</a>              If the link does not work then cut/paste this link into your browser.</p>	<p><b>Virtue: UNITY</b> - With unity we accomplish more together, than any one of us could alone. This week, focus on your communication, listen carefully to other members of your family. Be polite, but honest with your family during discussions. By understanding each other we can be united and achieve more.</p> 	<p><b>Writing Challenge –</b>  <b>Report to earth from Planet Xonzand</b>            Imagine you are landing on a strange far distant planet for the first time in human history. What would you see, feel, smell, hear and encounter. Write a report back to earth on what happened when you arrived on this new world.              I look forward to reading your reports.</p>
<p><b>Star Gazing</b>            You need your parents to accompany you on this one. We have all been enjoying getting out in nature so why not grab a blanket or a sleeping bag, go and lie in the garden and look at the stars at night. See if you can find the pole (North) star. Use the diagram below the grid to help you.</p> 	<p><b>Maths Challenge –</b>            Make a picture of a rocket traveling through space using only:            Circles, Squares and Triangles</p> 	<p><b>Creative making and thinking</b>  <b>Finding North with just a stick</b>            Follow the instructions on the sheet below the grid and become an expert navigator by just using a stick and the sun.</p> 

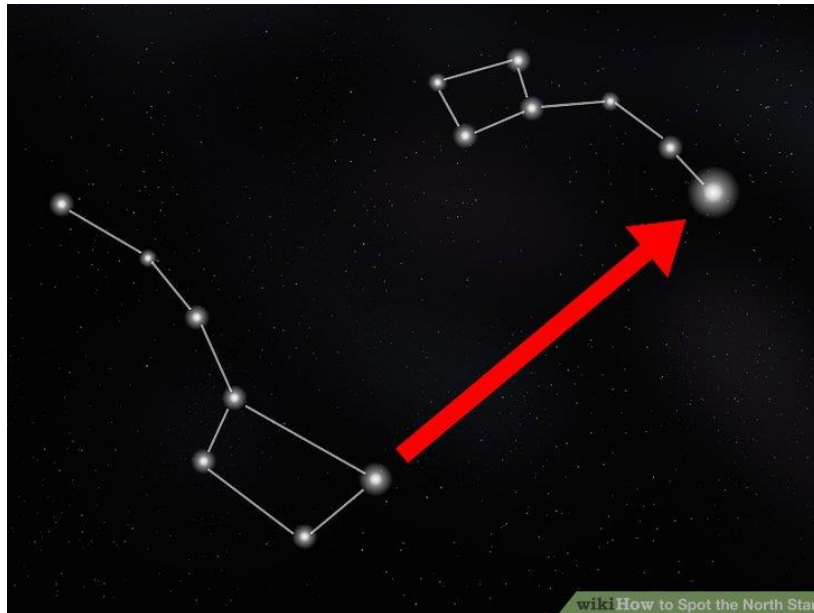


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Directions To Find the North Star

1. Locate the Big Dipper in the northern sky. Knowing how to find the Big Dipper is easy due to its large size and distinct shape. Depending upon the time of the year constellation of stars may be tipped in different directions as it rotates around the polestar.
2. As shown in the diagram, locate the two stars that form the outer edge of the Big Dipper.
3. Draw an imaginary line straight through the two stars of the dipper edge and toward the Little Dipper.
4. The line will point very close to the handle of the Little Dipper.
5. The brightest star in the Little Dipper is at the end of its handle. This is the North Star.

Congratulations, you now know how to find the North Star, Polestar, or Lodestar.





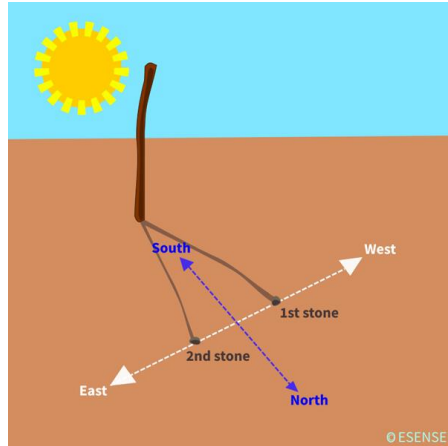
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**Finding North with a stick**

Did you know you can work out which way is North, South, East & West are simply by using a stick and the sun.

What you'll need:

Sun, stick, stones and 30 minutes of your time. If you want to check your results then get a compass or an app on your phone.



**What to do**

If you know that the sun will be around for 30 minutes, strong enough to cast a shadow then this is guaranteed to work.

1. Push your stick into the ground so that it will cast a shadow somewhere on your lawn or patio.
2. Wherever the end of the shadow (from the stick) is cast, place your first small stone or pebble.
3. Wait 15 minutes to 30 minutes (for the sun to move across the sky) and place your second small stone or pebble at the end of the stick's shadow.
4. Draw an imaginary line that travels directly through the two stones. This is the West-East line.

From West-East you can now easily work out the North-South cardinal points.



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**How to make your own weird and wonderful Planets**

**Materials:**

A couple of thick newspapers

Decent-sized balloons

Flour

Water

Mixing bowl and spoon

Paint

Paintbrushes

Cup (for resting the balloon on to dry)

**How to make a paper mache planet**

1- Prep your work surface. You can lay some newspaper down on it if you want for easier clean up. Maybe have a clean-up rag close by. And blow up your balloon so it is the size you want.

2 – Cut some newspaper up. For one planet I probably used 3 or 4 sheets of newspaper. Cut it into strips that are roughly a couple inches wide by 6 or 7 inches long. Basically skinny strips of newspaper that are about as long as your wrist to your finger tip.

3 – Grab your mixing bowl, flour, water, and spoon. Add about a cup or cup and a half of flour. Then add about the same amount of water and stir. You want it to be like a pancake batter.

4 –Hold onto your balloon. Then in the other hand grab a strip of paper. Dip it into the “glue.” Just a quick dip on one side works.

5 – After a brief dip in the liquid, stick it to the balloon like a sticker. Do this a lot of times. Dip. Stick. Dip. Stick. Just keep turning the balloon and covering all of it with about 3 layers of newspaper sludge. Or more, if you want.

6 – Set the project on a cup with the balloon tie off in the cup so that it can dry. Let it sit overnight. And in the morning turn it again so the part that was in the cup can dry too.

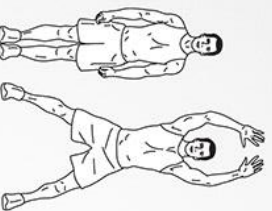
7 – Time to paint! Create your own wonderful colourful planet.



# SPACEMAN

DAREBEE WORKOUT @ [darebee.com](https://darebee.com)

LEVEL I 3 sets LEVEL II 5 sets LEVEL III 7 sets REST up to 2 minutes



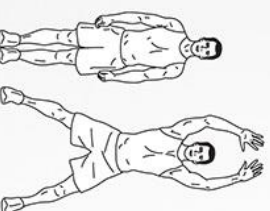
10 jumping jacks



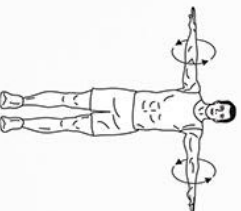
10-count right leg hold



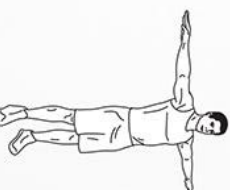
10-count left leg hold



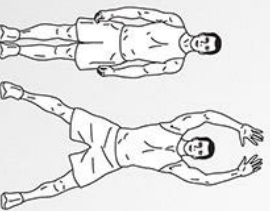
10 jumping jacks



20 raised arm circles



10-count arm hold



10 jumping jacks



10-count right leg hold



10-count left leg hold