



Home Learning Grid

Year 1 and 2

Week Commencing: 13.7.20



Topic:

Use the fact sheets below to do some research on the different planets.

Use the fact cards to answer the questions on the sheet.

Once you have finished, have a go at designing your own planet. Think about what it would look like, and any other specific features of the planet. Fill out the sheet below.

[Design a planet sheet](#)

Resources taken from www.twinkl.co.uk

English:

Story writing- Think about the description of the setting and of the character that you have written in the last 2 weeks. Try to write a story about your fairy tale character. Make sure your story has a definitive beginning, middle and end.

Make sure you have a problem and a solution in your story.

Year 1: Make sure you are correctly using full stops, finger spaces and capital letters. Try and make sure all your letters sit on the line and that your handwriting is readable.

Year 2: Try to make sure your handwriting is neat and try to join up the letters. Make sure you are using exciting vocabulary to make your story more interesting.

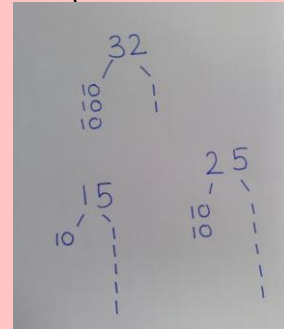
Maths:

Year 1: Think about the place value in a number. For example, 32 has 3 tens and 2 ones.

Have a go at the following number, 11, 15, 23, 37, 43, 55, 60, 69, 73

Have a go at more if you want!

Example:



Year 2: Have a go at doing some column addition. Remember to add up each digit together.

Learning this will support transition into Year 3.

[Column addition practice](#)

Wellbeing and life challenges:

Sort through these words below and match the opposite statements together. Such as hot and cold.

[Opposite word sort](#)

Spelling:

Year 1: Please continue to practice reading and spelling the Year 1 common exception words. To extend your learning, try and write them in a sentence.

[Year 1 common exception words](#)

Year 2: Please continue to practice reading and spelling the Year 2 common exception words. To extend

Reading:

Work through the sheet below which is filled with lots of reading challenges. See how many you can do over this week and the summer holidays. We can't wait to hear how many you have managed.

[2020 Reading challenge](#)

Use the sheet below to cut and stick different parts of the body. If you don't have a printer, have a go at drawing your own human and labelling it



Parts of the body sheet

your learning, try and write them in a sentence.

Year 2 common exception words

Extension: Write them in a sentence using your best handwriting.

Year 2 children, try to join up your letters!

Practising spelling and reading these words will support your child's transition into their next year group.


Resources taken from www.twinkl.co.uk

Please feel free to use Oxford Owl Reading website to support reading. You will then be able to use a range of reading books suitable for your child's age.

<https://www.oxfordowl.co.uk>

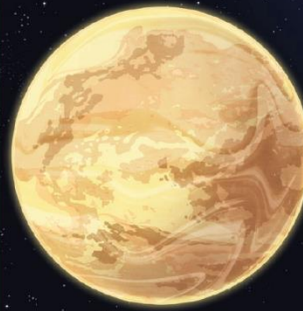
Click on 'my class login' on the top right hand corner. (username: horsford1 Password: Lovereading2020)

Mercury




Size (diameter):	4879.4km
Moons:	0
Distance from Sun:	53.29 million km
Length of year:	88 days
Length of day:	58 days 15 hours 30 minutes
Temperature:	-173°C to 427°C
Atmosphere:	hydrogen, helium, oxygen, sodium and potassium

Venus




Size (diameter):	12 104km
Moons:	0
Distance from Sun:	107.48 million km
Length of year:	225 days
Length of day:	116 days 18 hours 0 minutes
Temperature:	around 470°C
Atmosphere:	carbon dioxide (96.5%), nitrogen and sulphur dioxide

Earth



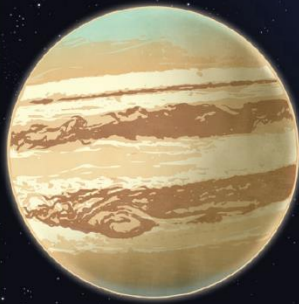
Size (diameter):	12 742km
Moons:	1
Distance from Sun:	151.75 million km
Length of year:	365 days
Length of day:	24 hours
Temperature:	between -88°C and 58°C
Atmosphere:	
Nitrogen	78.08%
Oxygen	20.95%
Argon	0.93%
Carbon dioxide	0.04%

Mars



Size (diameter):	6791km
Moons:	2 (Phobos and Deimos)
Distance from Sun:	227.9 million km
Length of year:	687 days
Length of day:	1 day 0 hours 37 minutes
Temperature:	between -140°C and 20°C
Atmosphere:	
Oxygen	0.13%, CO ₂ : 95.32%
CO	0.08%, N: 2.7%, Ar: 1.6%

Jupiter



Size (diameter):	139 822km
Moons:	79
Distance from Sun:	778.89 million km
Length of year:	12 years
Length of day:	9 hours 56 minutes
Temperature:	about -145°C

Atmosphere:

This planet is made up mostly of gas. Almost the entire planet is made up of hydrogen and helium, with traces of ammonia, sulphur and water vapour.

Saturn



Size (diameter):	116 464km
Moons:	82
Distance from Sun:	1.5 billion km
Length of year:	29 years
Length of day:	10 hours 42 minutes
Temperature:	between -185°C and -122°C

Atmosphere:

This planet is made up mostly of gas. Almost the entire planet is made up of hydrogen (~75%), helium (~25%) and traces of methane and water.

Uranus



Size (diameter):	50 724km
Moons:	27 (Titania, Oberon, Miranda, Ariel, Umbriel, etc.)
Distance from Sun:	2.94 billion km
Length of year:	84 years
Length of day:	17 hours 14 minutes
Temperature:	around -224°C

Atmosphere:

This planet is made up mostly of gas. Almost the entire planet is made up of hydrogen and helium, with traces of ammonia, water and methane.

Neptune



Size (diameter):	49 244 km
Moons:	13 confirmed, 1 provisional
Distance from Sun:	4.48 billion km
Length of year:	165 years
Length of day:	16 hours 6 minutes
Temperature:	around -210°C

Atmosphere:

This planet is made up mostly of gas. Almost the entire planet is made up of hydrogen, helium and methane.

Solar System Fact Hunt

Use books, the Internet or the Solar System Fact Cards to find the answers to the following questions.



<p>Which planet orbits closest to the Sun?</p> <hr/> <hr/>	<p>Which planet has the highest maximum temperature?</p> <hr/> <hr/>
<p>Which planet's atmosphere contains the highest percentage of carbon dioxide?</p> <hr/> <hr/>	<p>How much bigger is Earth than Mars?</p> <hr/> <hr/>
<p>Which planet has the shortest day?</p> <hr/> <hr/>	<p>Which planets are made of gas?</p> <hr/> <hr/>
<p>Which planet has the most moons?</p> <hr/> <hr/>	<p>What is the Earth's atmosphere made mostly of?</p> <hr/> <hr/>