

Year 4 Suggested Timetable - Week 4 SPACE

Below is a list of activities you may wish to attempt with your child this week. This week we will be using the BBC bitesize website for English and Maths. It is only a suggested timetable; feel free to work around your own timetable if this would suit you and your child better. Please have a look through the suggested list of TOPIC/CREATIVE activities to complete during the week. Choose which one(s) you would like to do the most or feel you are most able to complete. Most importantly, enjoy this time together and stay safe.

	English	Maths	Topic Suggested Activities
Monday	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Identifying and using prepositions	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Add two 4 digit numbers	<p>Lesson 1 What is the Earth? Watch What is the Earth? and take the quiz https://www.bbc.co.uk/bitesize/topics/zwccwmn/articles/zqbx82</p> <p>Using watercolour paints and white paper look carefully at different pictures of planets. Try to mix the colours needed to paint some of the planets. When dry cut out and arrange onto black paper, or paper that you have painted black</p> 
Tuesday	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Using apostrophes to combine words	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Subtract 4 digit numbers	<p>Lesson 2 What is the solar system? Watch https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/ztsqj6f</p> <p>Take the test. Can you make a poster, or create a rhyme to help Mrs Date remember the order of the planets?</p> <p>Draw and cut out lots of circles (use saucers/ cups/ bowls) of different sizes Place these onto your paper and draw around them. Use chalk or pastels to carefully smudge and colour inside the circles carefully.</p> 

Wednesday	https://www.bbc.co.uk/bitesize/tags/z63t39/year-4-lessons/1 Using apostrophes to show possession	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Efficient Methods of subtraction/addition	Lesson 3 Watch What are the rocky planets? https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/ztsdj6f Can you find 5 objects around your house that you can use to make a model of the sun and the rocky planets on a table or the floor? Photograph it and send it in to the class email so that we can see it.	Go on Purple Mash and check your "To Do" list.
Thursday	https://www.bbc.co.uk/bitesize/tags/z63t39/year-4-lessons/1 Using inverted commas to show speech	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1 Addition and subtraction problems.	Lesson 4 Watch What are the gas planets? https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/zqrpbk7 Draw your favourite gas planet and label the special features it has, or make a PowerPoint about it. If you're feeling really creative you could even make a model of using a balloon and papier mâché.	Fancy gardening in space? Make yourself a terrarium (a funky little greenhouse) to take with you on your tour around the solar system.  Find a clean empty jar, and make a thin layer of stones on the bottom. Add a thin layer of soil. Then you add some moss or plants, whatever you can find. Last of all accessorise your terrarium with whatever you choose, a Lego astronaut, a pine cone meteorite. Don't forget to send us pictures of what you've made.

Friday	https://www.bbc.co.uk/bitesize/tags/z63t39/year-4-lessons/1	https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-lessons/1	Lesson 5 Design your own planet to build a space station on. What would it be like? You could draw a labelled diagram of it, or write about visiting it in a space craft. What would it look like when you are in orbit? See activity sheet on Page 3 - You can print this off to use if you wish or you can create your own.	Glue Resist Paintings: PVA glue (or make glue using flour and water and mix to a thick consistency) Water colour paints Paper Scissors 1. Draw around circles 2. Copy patterns and lines onto the circles. Carefully dribble or squeeze glue onto these lines and allow to dry. 3. When dry paint inside the glue lines. Cut out and arrange
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gue and que words

fatigue

tongue

intrigue

league

plague

catalogue

dialogue

antique

grotesque

Key Words

library

probably

occasionally

recent

therefore

Months of the Year

January

February

March

April

Key Words

mind

parents

pass

water

Spelling Shed

Log onto spelling shed to help you learn your words.

Why not try some of these ideas:

- Look the words up to find out what they mean
- Write the words in a sentence.
- Draw pictures to try to show the words (tricky)
- Write the words in rainbow letters using brightly coloured pens.
- Make the words out of cut out letters made from paper and then use the letters to make the words.
- Read a word, run across the garden and then write the word – keep doing it for each word.

Photo Alert!! Please send photos of you doing your learning or photos of your finished tasks to your class emails jaguars@meadows.worcs.sch.uk or tigers@meadows.worcs.sch.uk We'd love to see you and put them on the website for all your friends to see.

PurpleMash – Remember to log on to PurpleMash to see what Space ideas are on there. These are great activities to be done on your own while your grown ups are working – hand them in to your teacher and they will look at your work and write a comment to you. **PurpleMash:** use child logins in their planners <https://www.purplemash.com/gl/52b07575e72c3>

Other ideas – optional extras to do if you wish to

Find out about the different phases of the moon. What are the different stages called?

Have you seen the Starlink satellites? What are they for? Find out about them. Maybe you could create a fact sheet about them for Mrs. Dodman.

How about creating some Space Quiz question cards and placing them around the house for your brother or sister to find and answer?

Visit NASA's children's website for ideas and online activities too <https://spaceplace.nasa.gov/menu/do/>

Can you turn a traditional game into a Space game? For example a relay race where you collect items (planets) from one end of the garden and orbit them to another place into the garden? Or a rocket launch (throwing balls into a bin?). Use your imagination to keep active!

The next few pages have extra ideas for you to do. You can print them out to do them, or create your own using these as ideas. Have fun.

Have a look on Twinkl for more ideas.

Design a Planet

You have discovered a brand new planet! Complete an astronaut report to send to Mission Control about what you have found.

Key Facts

Colour: _____

Size: _____

Number of moons: _____

Inhabitants

(People Who Live There)

Name of Planet: _____



Other information: _____

Surface

Materials: _____

Signs of life (water, oxygen):



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.

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.

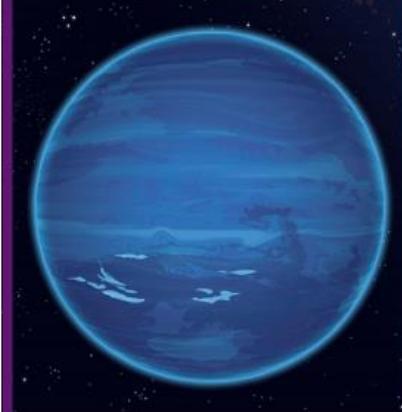
Saturn



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.

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.



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