

Afternoon Activities: History, Science, Design and Technology, Computing and Physical Education.

Choose one of these subjects each day to complete in the afternoon.

Reminders!

This week: History- For History this week, you will be creating a timeline about the 'Space Race'. The resource for this lesson was given out during the book swap last week but if you would like a copy, you can either print off a copy from the school website or collect one from the school office.

Next week: Design and Technology- Next week, we will begin our DT project to build a Lunar Buggy. Hopefully you have collected your pack from school and have begun to collect any resources, e.g. boxes, bottle lids etc to help with your build. If you would like a DT pack to support your build, please come and collect one from the office.

Teach		Activities
<p>Science</p> <p>Vocabulary</p> <p>Opaque</p> <p>Transparent</p> <p>Hard</p> <p>Soft</p> <p>Bendy</p> <p>Rigid</p> <p>Flexible</p> <p>Waterproof</p> <p>Absorbent</p> <p>Shiny</p>	<p>Outcome: To be able to identify and compare the suitability of a variety of everyday materials.</p> <div style="text-align: center;">  </div> <p>Welcome back to another science lesson! In this week's lesson, we will be continuing to explore different materials and their properties.</p> <p>Please follow the Science PowerPoint (which is available on the school website) and it will guide you through the lesson and the tasks.</p>	<p>Task – Open up the PowerPoint and pause at slide 4- read the slide and shout out your answers! (Well done- sorry parents!)</p> <p>Next, open up your blue books and write today's date on the top line. On the next line down, you will write Science as your title.</p> <p>Continue to follow the PowerPoint and complete the tasks as they are set. There are clips to watch, thinking tasks to do and writing tasks to complete. Enjoy!</p> <div style="text-align: center;">  </div> <p>Challenge! Are any of these statements true?</p> <p>Do you think these materials are suitable for their objects?</p> <ul style="list-style-type: none"> • I could make a useful teapot from ice. • I could use jelly to make a chair.

<p>Dull Rough Smooth</p>	<p>There are also activity sheets to complete, available to download from the school website. If you are unable to print these sheets you can just copy the information into your books. Keep it simple, e.g. only write 'Rabbit hutch' instead of the whole description.</p> <p>Today, you will be thinking about the different uses of materials and comparing why they may be more suitable for specific objects, e.g. Why are saucepans made of metal? Why are windows made of glass?</p> <p>You will use your knowledge and understanding of the properties of materials to answer questions such as these.</p>	<ul style="list-style-type: none"> I could use glass to make a hammer. <p>Check out slides 12 and 13 of the PowerPoint to complete today's challenge!</p> 
<p>History Vocabulary</p> <p>Chronological</p> <p>Old Oldest New Newest Modern Latest Past Present Future Century Decade</p>	<p>Outcome: To place 'Space Race' events within the chronological framework of a timeline.</p>  <p>For history this week we will continue to look at the Space Race, paying particular attention to the specific year that each event took place and putting them into a chronological timeline.</p> <p>Chronological means that events are put into time order starting with the event furthest back in time, e.g. 1940- 1975.</p> <p>Open your blue books and write today's date at the top. On the next line down, in the middle, write Space Travel Timeline as your title.</p>	<p>Task – To create a chronological timeline of the Space Race.</p> <p>Using the mixed-up timeline (below) given to each family last week at the book swap, you will need to cut out each event, place it into chronological order and create your own vertical timeline (as shown on last week's Wednesday plan).</p> <p><u>Reminder for all!</u></p> <p>If you were unable collect a timeline from the school office or access via the website, you can just write out the timeline into your blue books. You could also either find your own photos of these space events from the internet or draw the pictures yourself.</p> <p>Go ahead and be creative!</p>

To show the passing of time

Now you are ready for the task!

Below, you will find a series of clips which each relate to an event in the Space Race. Watch each one in the order that they appear and pay special attention to the year that they happened and who or what the clip was about (to help with this, you could pause each clip at the end and jot some notes down on scrap paper).

<https://www.youtube.com/watch?v=qvPzUAeWZZY>

<https://www.youtube.com/watch?v=vkVAqNbXONw>

<https://blog.sciencemuseum.org.uk/valentina-tereshkova-first-woman-in-space/>

<https://www.youtube.com/watch?v=NQII-O6Nn2U>

https://www.nasa.gov/mission_pages/apollo/apollo11.html

Space Travel Vertical Timeline

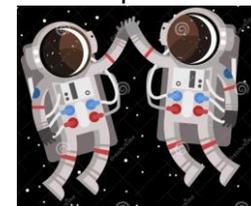
1963	
Valentina Tereshkova became the first woman in space.	
1957	
The first satellite, Sputnik 1 was launched into space.	
1961	
The first man, Yuri Gagarin, went into space.	
1965	
Alexei Leonov was the first person to walk in space.	
1969	
Neil Armstrong walked on the moon.	

Once you have laid them out in the correct order, you can begin to stick them in to your books, starting at the bottom of your page.

Remember to start with the event furthest back in time!

Who can handle the challenge?

Well done, you have successfully created your own timeline of the Space Race.



Can you remember any more important events or facts about the 'Space Race' that you learned from watching our

		<p>video clips and that is not already in your timeline? Or maybe you have an interesting book with facts you would like to share?</p> <p>On the next page in your blue books, write down up to 3 new facts and we will share them on our Friday Zoom meeting.</p> <p>You are out of this world!</p> 
<p>Design and Technology</p> <p>Vocabulary Design brief Prototype Materials Techniques</p>	<p>Outcome: A design for a prototype Lunar Buggy</p> <p>Have a look at the video. Mrs Bannister will talk you through the design brief. A design brief is a list of things the Lunar Buggy needs to have or be able to do:</p> <ul style="list-style-type: none"> • Travel over rocks and dust • Have a place for the astronaut to sit • Have equipment for beaming pictures back to earth • Have a place to store moon rock samples. <p>Mrs Bannister will remind you of the materials you can use and the techniques you can use.</p> <p>Look at the PowerPoint of pictures of finished prototypes made by others.</p> <p>We will learn how to draw a design to the design brief and label it. Remember the wheel, axle and chassis! Mars Rover website: https://mars.nasa.gov/mars2020/</p>	<p>Task – Draw your design for your prototype Lunar Buggy. Label it with the materials each part could be made from.</p> <p>Challenge: Write down how your prototype will meet the design criteria e.g. The cocktail umbrella will represent the satellite dish to beam images back to earth. I will use part of an egg box as a box to store moon rocks.</p> <p>Reminder for all!</p> <p>Next week in DT, we will be beginning to build our moon buggies so it is a good idea to start saving some resources for your big build, e.g. boxes, bottle lids, sticks etc.</p> <p>If you were able to collect your pack of resources for this project from the Wednesday book swap, please remember to keep them somewhere safe until next Thursday (we are only designing this week).</p> <p>If you were unable to collect this equipment, packs are still available from the school office. Please pop in when you can to collect one.</p>

	<p>Remember to start collecting the things you need to make your prototype Lunar Buggy.</p>	
<p>Computing</p> <p>Vocabulary Composition Frame Image Digital Photography Photograph Photo Shot</p>	<p>Outcome: To learn how to achieve good photography composition.</p>  <p>For this week’s computing, we will be continuing to look into digital photography. Click on the link below to watch a video explaining how to create the best composition (how you arrange it) for your photograph.</p> <p>https://www.bbc.co.uk/teach/class-clips-video/art-and-design-how-to-photograph-moving-object/zrdrkmn</p> <p>This clip will help you when you want to take photographs of things that are moving, so that you get the best shot possible without it being blurry!</p> 	 <p>Task – To complete the whole task, watch the video up to 3.08 minutes (the rest can be watched for fun).</p> <p>Watch the clip up to 52 seconds. The first activity, is to create your very own view finder. This will help you to frame your photos and get them to look how you want before you use your real camera. You will need a piece of approx. A4 card or paper, a pencil and a ruler. Follow the instructions on the video to create your viewfinder. Now you can begin to frame your photos.</p> <p>Now that you know how to frame a photo have a go with your digital device and see if it is as good as you had hoped. If not, just delete it and try again.</p> <p>Challenge: Now try to take a photo of a moving object (e.g. a jumping cat or a busy mummy).</p> <p>Remember, try to take one without making it blurry.</p> 

Physical Education

We will be using the 'Get Set 4 P.E.' website to support our Physical Education this term. The ideas will be drawn from the tab at the top of the website labelled '**Active Families**'.

It can be opened here: <https://www.getset4pe.co.uk/ResourceBank/ResourceCategory/1002>

This week we will be doing

Cross the swamp

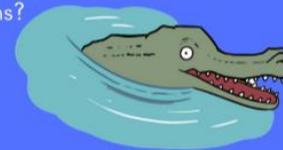


What you need: Some toys and two pillows

How to play:

- Players place their toys 8m away from a start line. This could be in another room if playing indoors.
- Players imagine that the space between the start line and their toys is a swamp.
- To rescue their toys they must use the two pillows to cross the swap and retrieve one toy at a time.
- They cannot touch the swamp. How many toys can they rescue in 4 mins?

Watch out for the crocs!



Have a go and see if you can make it across the swap without losing any toes- Snap! Snap!

Feel free to take a look at any others that might interest you as the 'Creative Games' have been looked at this week.

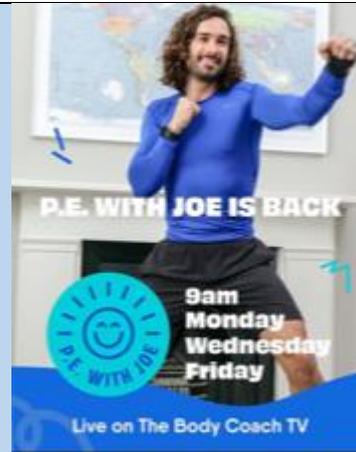
The website has an Active Calendar, which is below. If you can try to note down on it or simply cross off the day on a calendar, you have at home when you have been active. Joe Wicks returning may well help with that. 😊 Download your active calendar here if you would like one:

<https://www.getset4pe.co.uk/resourcebank/viewresourcefile?id=12127>



Joe Wicks is back 9am Monday, Wednesday and Friday with 20 minutes of exercise starting from today so have a work out with Joe Wicks by clicking on the link below. Enjoy!

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>



Keeping Active Ideas



Hello everyone! Have you been ever wanted to combine The Masked Singer with Cosmic Yoga? Well now is your chance! Click on the link below and see if you can keep up with Jamie. Good luck!
<https://www.youtube.com/watch?v=hB7yYxX0Ag>



Feel free to continue with your own version of the daily mile or continue to tackle the Daily Mile Bingo card of activities.



The good old 'beans' on the spot activities are an option too as in the runner bean, baked bean, French bean, broad bean and string bean.

<p>Mindfulness activities</p>	<p>Have a go at this relaxing mindfulness session- Be The Pond!</p>  <p>https://www.youtube.com/watch?v=wf5K3pP2IUQ You will begin to feel relaxed in no time.</p>	 <p>There are mindfulness videos on the website delivered by Ms Suleyman to enjoy as well if you would like to. Here are the links for the most recent videos currently on the website.</p> <p>https://youtu.be/a0zcmkbBHEs - Peter Pan</p> <p>https://youtu.be/ugNrvjW8NGc -The Ugly Duckling</p>
	<p>Try to have some time to relax in your busy day by watching this Mindfulness video. Give it a try- you will be feeling relaxed in no time! https://www.youtube.com/watch?v=Wsy2L9VvX90</p> 	

Reading and Story time	<p>Read for at least 10 mins. Can you find any words with the focus sounds in your book?</p> <p>Why not share a virtual story time together?</p> <p>All being well, stories by your class teacher will be uploaded to the Year Two page each afternoon.</p>	<p>Oxford Owl eBooks</p> <p>https://www.oxfordowl.co.uk/for-home/reading/</p>