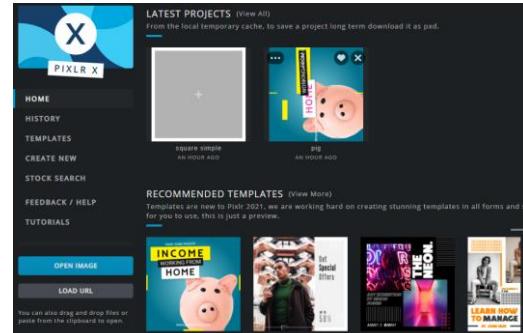


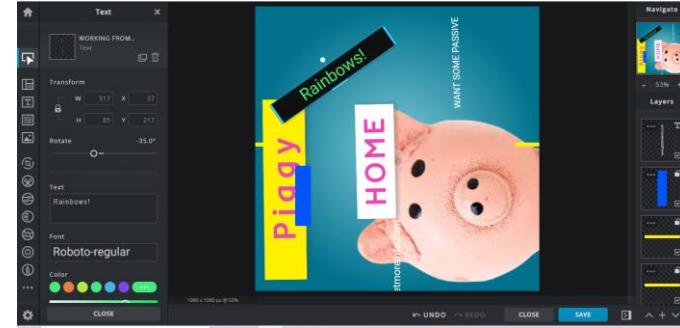
Afternoon Activities: History, Science, Design and Technology, Computing and Physical Education.

Week 5- W/C 1st February 2021

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

Reminders: 'Go Bright for the Fight' Day- Friday 5th February 2021

	Teach	Activities
<p>Computing (Taught on Monday)</p> <p>Vocabulary</p> <p>Composition</p> <p>Frame</p> <p>Image</p> <p>Digital</p> <p>Photography</p> <p>Photograph</p> <p>Photo</p> <p>Shot</p>	<p>Outcome: To learn how to edit photographs using Pixlr software.</p>  <p>For this week's computing, we will be continuing to look into digital photography.</p> <p>Over the last few weeks, you have all been busy taking photographs whilst thinking about different light sources, the direction of the light and also framing and focus.</p> <p>For this week's lesson, we would like you to begin editing your photos using the Pixlr software which is easily available to access and (most importantly) it is FREE!</p> <p>Click on the link below to take a peak:</p> <p>Photo Editor : Pixlr X – free image editing online</p>	<p>Reminder- all tasks are optional so choose the ones that work for you.</p> <p>Task 1- Now that you are in Pixlr, we would like you to choose a template on the home screen to edit. There is no right or wrong way to edit, so explore the different features that this site has to offer, e.g. you can rotate the image or change the shade and colour. Have a go and get a feel for how it works.</p> 

		<p>Task 2- Now it is time to edit your own photographs. You can do this via the home screen and click on 'Load image'. This will take you into your files where you can choose the photo you would like to edit. Once you have uploaded your picture, you have many functions to choose from to improve it- you can even add words or titles to your photograph.</p>  <p>Take your time and have fun with this lesson!</p>
History- (Taught on Tuesday) Vocabulary Chronological Old Oldest New Newest	<p>Outcome: To find out who Helen Sharman is and why she is remembered today.</p>  <p>For history this week we will be thinking of modern space exploration and the significant people who were involved including female astronauts, such as Mae Jemison who was the first African- American woman to go to space. Click on the links</p>	<p>Task 1- Watch the video clips below. These videos will give you an insight into the life of Helen Sharman and help you to answer any questions you may have, for example:</p> <ul style="list-style-type: none"> • What type of job did Helen Sharman have before she became an astronaut? • How old was Helen Sharman when she first went to space? • How much time did she spend in space? <p>FYI- There may be a lot of details in these clip so you may wish to pause at times to write some notes or jot down some interesting facts.</p> <p>Helen Sharman Story - YouTube</p>

**Modern
Latest
Past
Present
Future
Century
Decade
To show the
passing of time**

below and discover more about this amazing woman and how she was chosen to become an astronaut:



[\(2\) Mae Among The Stars - YouTube](#)

[\(2\) Fun Facts about Dr Mae C Jemison \(Celebrating Black History for Students\) - YouTube](#)

[Mae C. Jemison - Astronaut | Mini Bio | BIO - Bing video](#)

Next, we are going to be looking at another significant figure in Modern space exploration, namely Helen Sharman. Most people in the world, know that Helen Sharman was the first British woman to go into space and spend time on the Mir Space Station. Helen Sharman was also famous for being one of the youngest ever astronauts to travel into space.

For today's lesson, we would like you to learn more about the life of Helen Sharman, how she came to be a British astronaut and why she was chosen for the Juno Space Mission, which took her into space and onto the Mir Space Station.

[Who was the first Briton in space? - YouTube](#)

[Britain's first ever astronaut - Dr Helen Sharman - YouTube](#)

[Helen Sharman in Space - The Girl from Mars - YouTube](#)

[Helen Sharman on Becoming the First British Astronaut - YouTube](#)

[Ask an astronaut with Britain's first astronaut Helen Sharman - YouTube](#) (this clip is very current and sees primary children having a Q&A session with Helen Sharman)

Task 2- Next, go through the Helen Sharman PowerPoint to discover even more information. With your newfound knowledge of this significant figure, you will be able to complete a Fact File sheet for Helen Sharman (there are 2 to choose from, both available to print as a pdf from the school website).





Soyuz TM-12
18 May 1991



Fact File

Full Name: _____	Who were they? _____
Date of Birth: _____	
Place of Birth: _____	
Famous for: _____	
Their life: _____	

Researcher: _____
Person's Name: _____

Lived from: _____ year to _____ year
Most Known for: _____

Person's Portrait

Five Facts

1 _____
2 _____
3 _____
4 _____
5 _____

Challenge!

As an extra activity, you can create your own 'split pin astronaut' using the PDF below. (Don't forget, to find some split pins first!)

Have fun and enjoy!

Split-pin Astronaut



twinkl.com

<p>Science- (Taught on Wednesday)</p> <p>Vocabulary</p> <p>Opaque Transparent Hard Soft Bendy Rigid Flexible Waterproof Absorbent Shiny Dull Rough Smooth</p>	<p>Outcome: To be able to identify and compare the suitability of a variety of everyday materials for an astronaut suit design.</p>  <p>Welcome back to another science lesson where we will be continuing to explore different materials and their properties. Remember that all materials have certain properties which lend themselves to being used for certain things. For example, plastic is tough, light, cheap and transparent so lends itself well to being used for a drinks bottle.</p> <p>If you would like a reminder about materials and their properties, watch the clip below:</p> <p>https://youtu.be/i6Vdz3wYREI</p> <p>In today's lesson, you will be using all of your knowledge that you have learned about materials, to design your very own Spacesuit!</p> <p>Follow the 'Spacesuit Design' PowerPoint on the school website. As you go through the slides you</p>	<p>Task 2 - Consider these questions:</p> <ol style="list-style-type: none"> 1) What do you think about what the different parts of the space suit have to be like? 2) What properties do you think the materials need to have so that the spacesuit can work properly in space? <p>First, write the date at the top of the next page in your blue books and Science as your title.</p> <p>Underneath your title, write a list of the key parts of the spacesuit and what properties each part will need to have.</p> <p>Use the example below to help you:</p> <p>Helmet - strong, transparent and block out sunlight. Gloves – Strong, flexible, grippy. Boots – Durable, tough, strong. Pipes – flexible, durable, bendy. Write down anymore that you can think of and then write down which materials would be suitable for your spacesuit, e.g. the helmet could be made from metal or plastic.</p> <p>Task 3- Drawing your design. Just as you have done with your moon buggies in D&T, you will draw and label a spacesuit design using the ESA (European Space Agency) template available on the school website and also on slide 10 of the PowerPoint to print off.</p>
---	---	---

will see some images of Sir Tim Peake and discover some interesting facts about the spacesuits he had to wear. There is also a link on slide 4 which describes more about the Sokol spacesuit which you will enjoy. Afterwards, continue on.

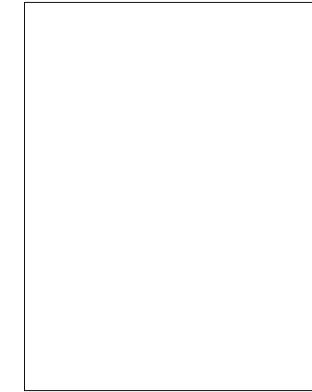
When you reach slide 8, click on the link on the page and watch the clip. This will be Task 1

Task 1 – Watch the clip below. You will find ESA astronaut, Luca Parmitano, on the International Space Station (ISS). Watch and listen carefully as Luca explains all about spacesuits and what makes them suitable for space walks. It is fascinating! (5:50mins)

[Luca Parmitano's spacesuit - YouTube](#)



3rd January 2020
L.O. To be able to design and label your own spacesuit. 



Take a look at slide 6 and 9 which will help you with the layout and use the list you have written in your blue books as your labels.



		 <p>communication hat soft,flexible fabric made from cotton.</p> <p>helmet made from hard and strong material like metal and plastic.</p> <p>Have fun and I look forward to viewing your designs!</p>
<p>Design and Technology- (Taught on Thursday)</p> <p>Vocabulary</p> <ul style="list-style-type: none"> Design brief Prototype Test Simulate 	<p>Outcome: You will complete a series of tests and take a photograph of your lunar buggy in a moonscape.</p>	<p>Task: First, watch Mrs Bannister's video! She has made her own prototype Lunar Buggy!</p> <p>Have a look around your house and garden to see if you can find some things to simulate the surface of the moon. Look for fabric, rocks and pebbles and sand. You could make a crater! You could even paint a background with the Earth in the distance! Set your Lunar Buggy in the moonscape you have created and take a photograph of it to send to school by email or on Class Dojo.</p> <p>Then, think about the Design Brief:</p> <ul style="list-style-type: none"> • A place for the astronaut to sit • A place to collect Moon rock samples • A way of sending pictures back to Earth • The ability to travel over dust and rocks. <p>Have a good play with your Moon Buggy on the Moon you have created. Does the astronaut stay in the seat? Can you fit the Moon rocks in the place you have made for them?</p>

		<p>Does your Moon Buggy travel well over the surface of the moon? Make some notes about your tests. Mrs Bannister will show you how in the video.</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	<p>This week we will be playing:</p>

Sardines



People: 3 or more

How to play:

- One person hides.
- All other players count to 60 together, they are the seekers.
- The seekers attempt to find the hider.
- If they find the hider, they hide with them.
- The last person to find everyone hides first on the next round.

Have you ever wanted to feel like a sardine in a tin?



Well now you can with this family friendly game that can be played by all!

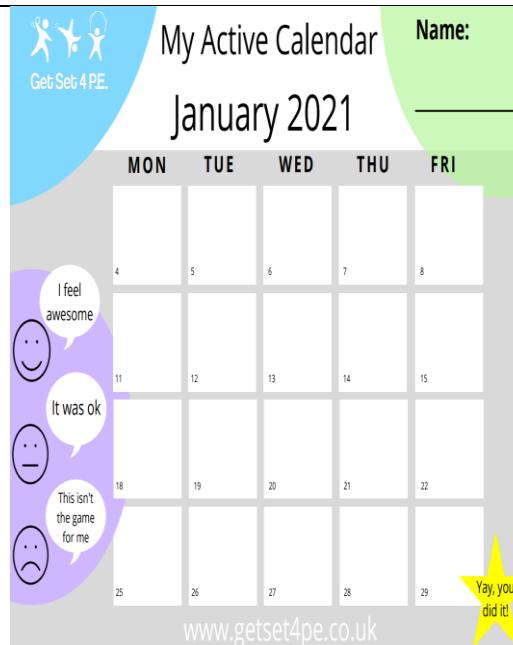
Helpful tip- try to hide in large spaces!



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!
This week Jamie is using **Super Yoga** to keep fit and healthy. Can you keep up?
Click on the link below and have fun!
<https://www.youtube.com/watch?v=isAbhjlYamA>



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.

		
Mindfulness activities	<p>Try to have some time to relax in your busy day by watching this Mindfulness video.</p> <p>Give it a try- you will be feeling relaxed in no time!</p> <p style="text-align: center;">The Moon and Stars.</p>  <p>https://www.youtube.com/watch?v=QQCnWvwrO8U</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>

Reading and Story time	<p>Read for at least 10 mins every day.</p> <p>Can you find any new words with the focus sounds in your book?</p> <p>Why not share a virtual story time with a friend?</p>  <p>Or play chess over zoom with your grandparents?</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>