



### Welcome to Year 2! 'Space Explorers'

8<sup>th</sup> February- Science Museum trip – Volunteers please arrive with your child at drop off for a quick briefing.

What we will be doing in school

How you can help at home

### Maths

In Maths this week, the children will be learning the 2x table as well as dividing by 2. The chn will also be reminded of how to double numbers and halve them.

https://www.topmarks.co.uk/maths-games/hit-the-button



This game contains great, quick-fire ways for children to practise doubling, halving and their 2x table which will prepare them for the knowledge we will be covering this week!

Additionally, practise counting in two's at home so children are familiar with which numbers are multiples of 2 and which aren't!

### **English**

This week in English the children will continue writing their astronaut mission log. Our time on the ISS has ended and we are heading back to Earth!

The children will learn about what happens during re-entry and act out their own return.

Then, using first person, past tense and adverbs, the children will write about the last leg of this space-tacular adventure!

You can help your child prepare for the week by taking a look at this BBC webpage and learning a few facts.

https://www.bbc.co.uk/bitesize/topics/zjmgkmn/articles/zg3hycw



Help your child with their writing by testing them on tricky and common spellings. Make a note of the ones they are unsure of and get them to practise writing them until they are confident. Something different: Write/make the words with something different — chalk, sand, mud, spaghetti, salt, sticks, grass!

the a do to no go of said put are is his has	rear 1 once they one me ask she school be says he push we full your pull you house friend our so love by come my were here there some where was	floor poor door because mind kind behind find after wild child children most only both old cold	clothes water again busy money Mr Mrs people everybody parents who Christmas half even whole	plant path bath hour improve prove move every	sure sugar break steak great told gold hold beautiful pretty grass pass class fast last past father
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#### **History**

This week the children will be thinking about how space travel has changed over the years. They will be deciding which things have changed, which things have remained the same and why.

You can help your child prepare for this lesson by looking at images of the different aspects of space travel. For example, images of space vehicles:



Or spacesuits from 1969

Present day



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Science- Everyday Materials

In Science this week the children will be continuing to learn about materials, the suitability of materials due to their properties.

In week 5 they will be asked to use their knowledge about materials and their suitability to design their very own EVA spacesuit!

The children need to include which materials they would

You can help your child to prepare for our materials topic by discussing with them the properties that the various parts of a space suit would need.

### For example:

I would need to use a strong, waterproof fabric for my space gloves because fabric is flexible, sturdy and soft. I added rubber to the fingertips for a better grip.





use for each part of their design and explain why that material would be suitable.

For example:

I chose to use glass for the vizor on my helmet because it is tough, transparent to allow me to see clearly through it and durable enough to withstand the pressures in space.





<u>Design and Technology</u> This term the chn will be designing and creating a lunar buggy.



This week we will be completing an evaluation of our Lunar buggy designs by test driving them over an obstacle course to see how durable they are in rough terrain. They will use this test to complete a written evaluation, including what went well and what they would change next time.

You can help your child prepare for this lesson by discussing their creation and asking them:

What went well?

Were you able to follow your design?
What school values did you need to complete the build?
What would you change if you could do it again?



Religious Education
In R.E. this week the children will be continuing to learn about how and why people from different religions share food.

RE

For example, the children learned about the Puja from the Hindu faith. Puja is the most common form of worship in the Hindu religion where

You can help your child prepare for this lesson by reading through this definition together with your child to get them ready for the lesson.

Puja is a prayer ritual service performed by people of the Hindu faith. The word puja comes from <u>Sanskrit</u>, and means <u>reverence</u>, <u>honor</u> and <u>worship</u>.







foods are offered to the Gods to show respect and thank them for their blessings.

## Puja

Hindu worship, known as puja, involves all five senses of touch, taste, smell, sight and hearing, and also what Hindus consider to be the five basic elements: light, fire, earth, air and water. It can be carried out in the home of Hindus before a shrine, or in the Hindu temple, which is known as a Mandir.

#### Computing

This week the children will be creating their own algorithm and learning to debug an algorithm already written for them.



#### P.E.

We have two PE sessions.

Turquoise – Monday (Indoor) & Friday (Outdoor)

Indigo – Tuesday (Outdoor) & Thursday (indoor)

Amber – Monday (Indoor) & Thursday (outdoor)

This term the children will be having lessons in Fitness (Indoor) and Sending & Receiving (Outdoor). Please make sure your children have appropriate outdoor







shoes and appropriate clothing to wear.



The Year 2 Team