



# The Universe

Years 3 and 4 - Dosbarth Kittiwake,  
Seren and Skomer - Summer 2022



## Brilliant Beginning

An intergalactic welcome awaits you on your return to school – we will be examining the stars and the world beyond our own planet. The galaxy is vast and who knows what secrets it holds!

It will be an adventure of a lifetime as we blast off for many a discovery awaits us. I wonder what we will find out upon our journey....

## Sparkling Starter

We hope you have your space suit helmets on and your astronaut thinking skills....

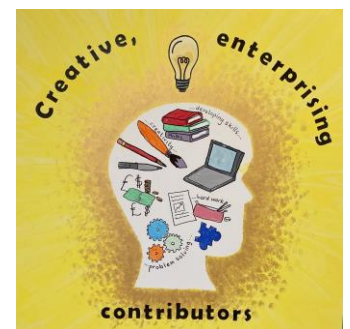
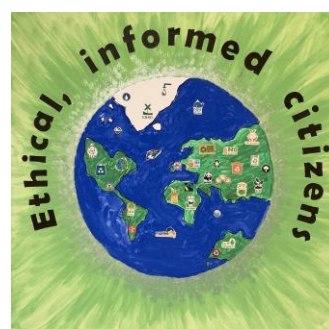
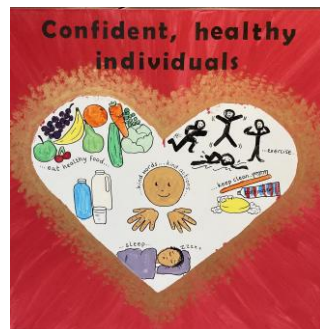
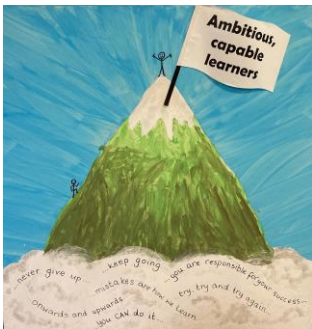
As we try to solve clues to discover the unearthly creatures identity that have crash landed within the school grounds!

It will be a hard job, we must proceed with extreme caution, we must discover the identity before it's too late the fate of earth is in your hands!.....

## Fabulous Finish

To celebrate all we have learned, we will be going on a journey to a land not too far away to explore our creative scientific selves and test out our Universe knowledge!

We shall come together and ensure that no one is left behind on our planetary explorations. Ending on a Big Bang of fun and investigations everywhere!



## The Four Purposes;

### Ambitious Capable Learners

The children can communicate effectively in different forms and settings, using both Welsh and English.

Use number effectively in different contexts.

### Confident, Healthy Individuals

The children are working on building their mental and emotional well-being by developing confidence, resilience and empathy.

The children can form positive relationships based upon trust and mutual respect- face and overcome challenge.

### Ethical, Informed Citizens

Children will have the opportunity to engage with contemporary issues based upon their knowledge and values.

Children can understand and consider the impact of their actions when making choices and acting.

### Creative, Enterprising Contributors

Children will learn to express ideas and emotions through different media.

Children can take measured risks.

## Rights Respecting Schools

As a Right's Respecting School we will consider the following rights in this topic;

Article 12: Every child has a right to have their voices heard.

Article 24: Children have the right to good quality health care, to clean water, nutritious food and a clean environment.

Article 31: Every child has the right to relax, play and take part in a wide range of cultural and artistic activities.

## Eco schools

We will continue to use our Fabulous Fridays to develop our understanding about our outdoor environment. This will include foraging, exploring our school grounds, looking after our growing spaces and respecting our environment.

## **Pupil led Learning:**

After the super sparkly starter day, the children had some questions they would like to find answers to.

These included:

What would happen if the Sun disappeared? How would humans survive without Earth? Are there Aliens? Is there a parallel Universe? Who names the Universe and how do they know it's a Universe?

Some very pondering questions, we look forward to exploring and seeking answers!

## **Languages, Literacy and Communication:**

As Linguists we will continue to develop our exploration of the English and Welsh language. We will look at using our scientific writing skills by instructing, explaining and concluding. A focus on diary extracts, describing our Space journey and how vast and wonderful it really is. We will develop a sense of curiosity about the Universe and the theories that surround it, is there life beyond Earth? Exploring our own narrative adventures expressing our creative writing skills. Expanding our vocabulary to encompass the ever-changing Universe the unknown is still out there! Diving into the dark and unknown that gets sucked into a Black Hole.... We will continue to build and reflect upon our work, looking at areas for progression and discuss ways of improving and consolidating what we know.

## **Mathematics and Numeracy:**

As Mathematicians we will be developing and securing our understanding of Area, linking it to the Mars Rover and distance travelled. We will develop our understanding of the concept of Time both through digital and analogue readings, maybe even infinite time scales! There will be opportunities to apply our learning in real life contexts and to problem solve. We will be thinking about the properties of Shapes and analysing statistics to encompass raw data received from Space.

## **Expressive Arts:**

As Artists we will continue to explore and experiment using a variety of techniques and materials. We will develop our observational skills in drawing and a range of other media. Being inspired to create and experiment using different artists and styles. Sculpt and use a range of mediums like clay, plaster and many more to experiment and create vast Space landscapes to show our creativity and passion on exploring new techniques and textures.

## **Health & Wellbeing:**

Thinking about our wellbeing we will be learning, understanding and celebrating how all relationships are unique and how to engage, maintain and learn from them. How to be empathetic to others to acknowledge differences within relationships and how that can make them stronger by expanding our understanding of the wider world. We will look at maintaining relationships, working together to solve problems and thinking about making the right informed actions for the choices we choose to make. We will also continue to use our class charters to ensure our classrooms are safe, happy places to be, full of kind, caring and empathetic friends.

## **Humanities:**

Thinking about the World we will be exploring both Earth and its relation to the Universe. The diversity of our own Planet will be explored and then we will document any changes or findings that have come to light as the understanding of the Universe has been uncovered over the years. How have things changed? Why? Has the Universe changed? How do we know? Using our curiosity to explore reasons why things change and *is it always better that they do?*

## **Science and Technology:**

As Scientists we will experiment with materials, creating a Mars Rover to explore our landscape, building our knowledge of forces to highlight kinetic energy and the notion of stored energy. Thinking about the way things work? Why do they work? We shall experiment with materials to construct appropriate and successful models. We will think about the forces involved in the construction and execution, we will investigate and conclude about what works best, broadening our knowledge through discussions and observations.