

**Tyneham—Spring term—Topic map**

Our topic this term is:

# Space

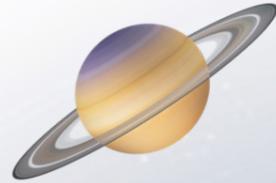
## Light and dark



<b>Topic</b>	Uranus	addition
<b>Vocabulary:</b>	Neptune	subtraction
light	Pluto	more than, less than
dark	astronauts	Time: days of the week, months of the year, hours, seconds
space	travel	distance
planets	Winter	quick, quicker, quickest
solar system	Spring	slow, slower, slowest
Sun	Summer	Money: coins, price
Moon	Autumn	Shapes: 2D shapes, 3D shapes
stars	<b>Maths</b>	pattern, repeating patterns
Venus	<b>Vocabulary:</b>	numbers (0-20)
Earth	count on	weight: heavy, light
Jupiter		scales
Saturn		

**In this topic we will be:**

- Exploring all things space! - Our solar system, planets, astronauts and aliens.
- Working scientifically to investigate light and dark
- Developing our knowledge of non-fiction books even further by making our own fact files about space.
- Creating our own representations of space through art and music



**Communication and Language (C&L)**

- Describe position and direction for journeys—use prepositions in role play and small world play.
- Role Play (outside shed set up): a space station, dark room to explore light sources and planets.
- Small world: Rocket ships, Alien Gloop, moon landing.



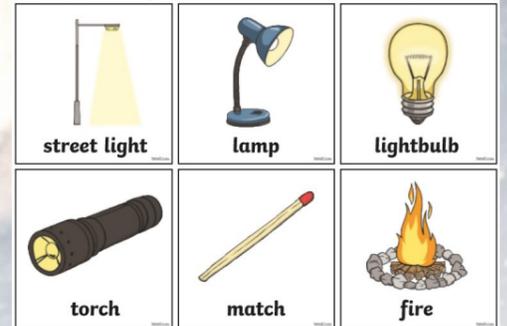
**Personal, Social and Emotional Development (PSED)**

- Good Learning Behaviours —making good learning choices in the classroom.
- Behaviour bears
- Jigsaw 'celebrating difference' and 'dreams and goals'.
- Virtues—Fairness and kindness .



Making shadows:

Sources of light:



**Understanding the World (UW)**

**The World**

- Look closely at our solar system. Name the planets and their special features. Compare/contrast the Moon and Earth. What could life be like in space?
- Investigate different sources of light. Experiment with how to construct a totally dark space. Play with shadows.
- Discuss preparing for different journeys, e.g. school, holiday, shops. What would we need? How would we get there? How do astronauts prepare for a journey into space.

**People and Communities**

- Investigate winter traditions around the world.

**Technology**

- Complete online drawings, jigsaws and take digital photographs. Manipulate images to make pictures of aliens.

**Physical Development (PD)**

- Putting on waterproofs, wellies, aprons and role play clothes independently.
- Developing fine and gross motor skills.
- Handwriting: Continue to practise writing names correctly and with correct letter formation—set 1 sounds.
- P.E with Mr Cooper: dance, movement, catching and throwing.

**Health and Self-care:** Comparing our diet to an astronaut's! Looking at a range of healthy foods and what contributes to a healthy diet.



**Expressive Arts and Design (EAD)**

- Create different space pictures with marbles, paint, glitter and black paper.
- Make alien finger puppets with felt. Use them to tell stories.
- Junk Modelling: Use reclaimed materials to construct a space vehicle.
- Listen to space music and talk about how it makes them feel. Create a space dance to perform.

**Art morning:** creating 3D space constellations for the classroom. Explore the work of Jean Miro.

**Mathematics (M)**

**Counting:** Count, read, write and order numbers to 20. Count down! 10-9-8-7-6-5-4-3-2-1-0, Blast off!

**Addition and Subtraction:** Using key vocabulary, adding on one more and reading the symbols. Beginning to partition numbers in different ways.

**Shape and pattern:** Sorting shapes into categories, building with shapes, making and continuing patterns.

**Time:** learning the days of the week, measuring time, months of the year and looking at clocks.

**Weight:** compare weights of different 'moon' rocks. Use non standard measures.

**Money:** recognise money (coins) and apply to real life situations (role play).

**Phonics—Read Write Inc.**

- Securing Set 1 sounds - confidently blending and segmenting to read and write longer words.
- Learning Set 2 sounds—how to say them, and how to write them.
- Practising blending (for reading) and segmenting (for writing).
- Learning to read 'red tricky words'- I, a, no, he, put, of, the.
- Learn to read RWI Books independently.

**Helping your child at home**

- Share library books. Listen to your child read their RWI reading books and ORT books regularly. Read to them at bedtime.
- Play maths games with your child (Home working activity packs) and use maths vocabulary at home.
- Help your child with counting, reading, and ordering numbers 1-20—particularly focussing on the 'teens' numbers.
- Help your child to learn / practise the phonic sounds for sets 1 and 2 (green pocket book).
- Help your child practice reading and writing the 'tricky' red words (on the treasury tags in your child's pack) - let me know when your child is confident with their tricky words so they can move onto another set!
- Identify areas of the key skills document for you and your child to work on.—send in any achievements for our class 'wow wall'.