

# Boarshaw Primary School

## Autumn Term 2 Topic Unit Pack



### The Big Picture

On a dark, dark night...

Why is it dark at night? Why is it light in the day? Children will learn about the differences between day and night. They will learn about nocturnal animals and also jobs that people do at night. We will investigate different materials and which ones are good to wear at night. We will look at shadows and how these are made. We will also find out about space and what we can see in the night sky. We will look at how the moon changes shape.

## Why is it dark at night?

# Boarshaw Primary School

Why is it dark at night?

Essential Knowledge

**By the end of this unit our pupils will know...**

- It is light in the day and dark at night.
- Which animals come out at night.
- What jobs people do at night.
- That we live on the planet Earth and that in the night sky we can see stars.
- That the moon changes shape.
- Which colours and materials are good to be seen at night.
- How shadows are made.



## Launch

Space experience  
immersive experience in  
the classroom.



## Explore

Children will explore the  
animals that come out at  
night.



## Energise

Planetarium Visit



## Celebrate

Space party

# Why is it dark at night? EYFS Curriculum Content and Planning

Week/Topic Question	Communication Language and Literacy	Maths	Topic Session 1	Topic Session 2	Topic Session 3	Topic focus task	Physical Development	RE/PSHE/Music
<p><b>Week 1- 28/10/19</b> How has the world changed in Autumn?</p>	<p>Ouch Read the story. Describe characters. Sequence the events. List the items that got stuck. Act out the story T- story sequence and retell using pictures TA- acting out the story I- Make a hedgehog with dough I cut and stick items on to hedgehog.</p>	<p>Patterns Create patterns using autumn leaves start with just two colours and extend to using different objects and colours. Starters to include moving the skeleton to different places to work on positional language. T- make a leaf pattern TA- ordering objects by length/height. I- colour and continue a pattern I- Topmarks shape patterns.</p>	<p>How has the world changed during Autumn? Ask children for suggestions as to how the world around them has changed, How have the leaves changed? Explain the reasons why. Talk about harvest and animals that might store food at this time of the year. What might other animals do? E.g. migrate. How has the weather changed? Enhancements: Autumn table- conkers, leaves, pinecones.</p>	<p>Autumn Walk Parents and children to take part in an Autumn walk. They collect leaves and other Autumn parts. Listen to the sounds they can hear. Hot chocolate and biscuit in the woods. Autumn crafts back in class- Leaf hedgehog Leaf bracelet Leaf sun catcher Leaf rubbing Match stick hedgehogs Leafman</p>	<p>Halloween Making witches hat with ice cream cones and chocolate then sprinkles. Story room on the broom Investigation area- pumpkin Creative- pumpkin lanterns  Children will learn how people around the world celebrate Halloween. Halloween disco in the afternoon.</p>	<p>Autumn crafts and create autumn hedgehog Friday 1- Making pumpkin soup. Focus task- leaf hedgehogs and leaf art.</p>	<p>Taught and delivered through PE sessions with PE teacher.</p>	<p>What am I good at?  Making rhythms</p>
<p><b>Week 2- 04/11/19</b> Why do we celebrate bonfire night?</p>	<p>Ouch! Creating own story with different character and things that get stuck and how they get it off. T- create a picture and simple word sentence. TA- Describing characters/animals I- Find animals pictures and write names. I- cut and stick to match initial sounds.</p>	<p>Recognising numbers/ more and fewer/estimate and count Number and amounts hunt children to match them up. Compare groups of objects saying which has more and fewer. Estimate how many count and match to numeral. T- Estimate how many stars in the night star- count and record number. TA- compare groups of objects using language more and fewer HA to also look at one more and one less. I- Count and match to number dominoes. I- Colour by number Guy Fawkes.</p>	<p>What do animals do during autumn/ winter?  Display a range of animals and get children to sort them according to where they come from specifically animals native to Great Britain. What happens to the world around us during Autumn and Winter months? How could this be challenging for the animals in our country? What do these animals do? Teach about hibernation and migration.  Enhancement- sorting animals.</p>	<p>Fire/ Bonfire night celebrations  Fire and sparklers Forest school session- fire to roast marshmallows and sparklers stuck in carrots.  Children to learn about fire safety before session children to watch Wellyphant and fire safety videos.</p>	<p>Why do we celebrate bonfire night?  Ask children if they know why we celebrate bonfire night. Tell them the story of Guy Fawkes and discuss why we celebrate Bonfire night. Recap on fire safety and how we should never mess with fireworks and fire. Learn the Remember, remember song.</p>	<p>Friday 2- chocolate finger sparklers/ chocolate apples. Focus- chalk and glitter firework pictures. Outdoor firework pictures- paint splatter.</p>	<p>Taught and delivered through PE sessions with PE teacher.</p>	<p>I'm special, I am me!  Repeating rhythms</p>
<p><b>Week 3- 11/11/19</b> What happens at night?  Anti-Bullying Week</p>	<p>Day and night monkey Read the story. Understand rhyme and continue a rhyming string. Compare the different creatures and events in the day and night. Order and retell the story events. T- Describe creatures in the story. TA- act out the story using puppets/props I- initial sound activity i- Make a monkey mask</p>	<p>Find the total of two groups by counting altogether Counting conkers two squirrels have collected. Compare groups. Count how many altogether. T- Counting the total of two groups of animals use part, part whole model. TA- pick two numicon from a bag- how many altogether? I- fishing in water/ getting animals out of sand to match numeral cards. I- count objects altogether</p>	<p>What does the night sky look like?  What do we see when we look up at the night sky? Discuss children's ideas and share some pictures of the night sky. Talk about what the stars are. What else can we see in the sky? Is the moon a star? Model how the moon moves around us using balls. Share the different shapes of the moon. (Another session on</p>	<p>What animals do we see at night?  Share information about nocturnal animals introducing new vocabulary. What does nocturnal mean? Look at animals that are nocturnal? How are these animals adapted to being out at night?</p>	<p>What jobs might people do at night?  Talk about jobs people do. Which jobs don't stop? Ask if anyone has been to the hospital. Can a hospital close? Discuss other jobs people might do at night. Create Venn diagram day jobs, night jobs and both.</p>	<p>Topic focus activity create a poster with day and night comparison.</p>	<p>Taught and delivered through PE sessions with PE teacher.</p>	<p>Families  Using instruments to represent different animals.</p>

		worksheet.	the moon later in term) Enhancements- create a night sky with wax crayons and blue wash. Children create a picture of the Earth from space with green and blue pastels. Use iPads to look at satellite pictures of the night sky.					
<b>Week 4- 18/11/19 Where does light come from? Road Safety week</b>	Day and night monkey Write sentences and captions to match the stories. What else might we see a night that could confuse animals? T- Simple sentence (Is it an eye? No it is a star.) TA- emotions what makes you feel happy like monkey what makes you feel scared etc. I- sorting day and night activities. I- Record each other telling the story	Finding one more and one less. One more and one less practically with objects. Counting from different numbers forwards and backwards. T- Finding one more and one less using objects. TA- choose a number card count on and back from that number then find the number one more and one less. I- Add one more and count the new total. I- roll the dice colour rocket (subitizing)	Where does light come from in the day?  Why is it light during the day? Discuss children's ideas and focus on the natural light not artificial light. What is the sun? Discuss. Why is the Sun so important to us? Talk about the sun rising and setting model how this is because the Earth is turning. Model using torch and balls how we get day and night.	Can we make light?  Where else does our light come from? How do we get light at night? Discuss the different lights e.g. street light, car lights, torches, lamps etc. How did they have light in the past? Discuss candle light and oil lamps. Teach about the invention of electricity and how this led to electric lights. Give children some bulbs, batteries and wires. Can children get the bulb to light up?	Road safety crossing the road. Watch road safety videos. How do we keep ourselves safe on the road? Watch road safety video. Role play and small world play how to cross the road safely.	Topic focus activity- road safety crossing the road.	Taught and delivered through PE sessions with PE teacher.	Houses and Homes  Singing familiar songs (Christmas performance)
<b>Week 5- 25/11/19 Which materials reflect light?</b>	Man on the moon Read the story. Sequence events and retell the story. Act out the story. T- act out the story and take a still and record sentence in book creator. TA- Questions- what could we ask Bob? I- continue a rhyming string (at) I- Small world play	Practical subtraction Snowmen and snowflakes melting how many are left? T- snowmen subtraction problems. TA- snowflake subtraction. I- order the snowmen I- number formation.	What should we wear at night?  Share a picture of a child in dark clothes at night and a child in bright clothes at night. Which can you see better? Why do we need to be seen at night? Choose the correct clothing to dress someone for the night time.	Which materials reflect light?  What is reflection? Have a selection of different materials and investigate using a torch which materials reflect the light.	How do we get shadows?  Share a clip from Peter Pan with him chasing his shadows. How is a shadow made? Show children how shadows can be made and get children to make some hand shadows. Can we make shadows in the dark? Why not? Children explore making shadows.	Focus activity: Children to make stick puppets using black card, They cut out parts to make a shadow puppet. Children to use these shadow puppets to make up stories. (Could relate to man on the moon)  Other activities: Investigating reflective materials	Taught and delivered through PE sessions with PE teacher.	Making friends  Singing familiar songs (Christmas performance)
<b>Week 6- 02/12/19 What is it like in space?</b>	Man on the moon Using pictures from the book adults to write simple sentences for the children to read. Make up own story about going to the moon or different planet and the different things they might do there. T- Writing their own simple sentences I went to the moon and I ... TA: reading simple sentence activity. Ind- CVC and picture match Ind- fine motor activity	Order events Order familiar events from our day. Days of the week. T- Order the events of a familiar routine. TA- how many can you do of one activity in one minute? In- night and day sorting activity. In- topmarks shape sort.	Where do we live? Put a satellite picture of the Earth from space on the board. What is this? What can we see? Talk about the features of Earth that means we can live here. Discuss the shape of the Earth. Look at the different continents and specifically where we live.	What other planets are in space?  Explain to children that there are lots of different planets in our solar system. Show them pictures of the different planets and basic information sing the planets song.	How is the moon different to Earth? Share pictures of the moon at night. What is this? Why can we only see the moon at night? Recap on reflection. Look at the different phases of the moon. Read a moon book.	Creating phases of the moon.  Creating different planets with polystyrene balls.  Weighing moon rocks and comparing weights	Taught and delivered through PE sessions with PE teacher.	Helping others  Singing familiar songs (Christmas performance)
<b>Week 7- 09/12/19 How would we travel to</b>	What ever next Read the story sequence and retell the story. Write descriptions of what he saw in space. T- children to write a list of	3D presents Santa wants to sort his presents by shape. Common 3D shapes cylinder, cuboid, cube. Sphere and cone. T- select 3d shape for santa.	Can you build a rocket?  Watch videos of rocket launches. Label the different parts of a rocket. Using large boxes create a class rocket	Can we make it fly?  How does a rocket fly? How do different things fly e.g. bird, hot air balloon etc. Show children how to make	What type of people might we find in space?  Share a picture of an astronaut. What do they wear and why do they have	Focus Activity- Baking for space party on Friday  Other activities- Creative rockets	Taught and delivered through PE sessions with PE teacher.	Giving and receiving being grateful  Singing familiar songs (Christmas performance)

<p>the moon? What might we find in space?</p>	<p>the items that they would take to space encourage them to justify reasons. TA- Guided reading text rocket Ind- Make a toilet tube rocket Ind- Act out the story.</p>	<p>TA- build a toy/santa workshop with 3D shapes. Ind- make wrapping paper with shape printing Ind- sand/water sort the shapes to match pictures.</p>	<p>and act out setting off to space.</p>	<p>a rocket fly with pressure. Also children to create their own rockets with film canisters.</p>	<p>to wear it? Does anything live in space? Share some pictures of aliens and encourage children to describe what an alien might look like.</p>	<p>Whatever next small world Playdough aliens Space dress up.</p>		
<p>Week 8- 16/12/19 Christmas</p>	<p>Father Christmas Needs a Wee Reading the story Creating rhyming strings.  T- Rhyming activity. TA: rhyming soup I- rhyming games.</p>	<p>Sorting presents by size and weight. T- sorting activity TA- Measuring the length of wrapping paper. I- Sorting Santa's presents.</p>	<p>Making Cards Making Calendars Christmas crafts Melting snowmen</p>					



# Boarshaw Bonus Points

## 1 Boarshaw Bonus Point

- Draw a picture of night animals
- Draw a pictures of day animals
- Create a day and night picture

## Homework Challenges

This term's project is 'Light and Dark'



## 5 Boarshaw Bonus Points

- Make a home for a hedgehog
- Make a bird feeder
- Make a model of the different planets in our solar system.

## 2 Boarshaw Bonus Points

- Record what you do in a day. What do you do at night?
- Find out what jobs people do at night.
- Find out where light comes from.

## 3 Boarshaw Bonus Point

- Look for birds in your garden count how many you have found.
- Look for birds in your garden draw a picture of them.
- Go on a bug/creature hunt what did you find?

## 4 Boarshaw Bonus Points

- Make a rocket using boxes/tubes
- Find out about the moon. Can you draw the different phases of the moon?
- Find out about the different planets in our solar system.
- Investigate shadows- make some shadow puppets.

Choose to complete as many activities as you want to build up your Boarshaw Bonus Points. You could even make up your own activities! Remember points make prizes. You can send in photographs of what you have been doing via Tapestry,

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**In PSED:** We will learn about different feelings and how our actions can change other people's feelings. We will learn about fear and why we feel fear. We will explore why we are scared of certain things and face some of our fears. We will learn about what makes a good friend.

**In Maths:** We will learn to count to 20, recognise and order numbers. We will count out amounts and match them to the correct numeral. We will begin to understand addition and subtraction using objects. We will create and continue simple repeating patterns. We will continue to learn the names of 2D shapes and start to recognise 3D shapes.

**In English:** we will read stories about space. We will focus on how stories are structured and retell the stories in our own words. IN our own work we will start to write words and simple sentence using our phonics knowledge. We will also start to read CVC words and simple sentences. We will listen to stories and talk about the characters and events. Our books this half term are: Ouch! Day and Night Monkey, Man on the Moon, Whatever Next and Father Christmas Needs a

**In Physical Development:** We will learn how to jumps off an object and land appropriately. We will learn how to balance on equipment. We will put different movements together in a sequence. In outdoor provision we will learn how to throw and catch. We will learn how to write recognisable letters

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Autumn Term 2



### Our memorable experience: planetarium visit

**In understanding the world:** we will learn about how the world around us has changed during Autumn, We will celebrate different festivals such as Halloween, Diwali, Bonfire Night and Christmas. We will investigate different materials to find out which are best to be seen at night. We will also investigate how shadows are made. We will also explore technology and how we can retrieve information from a computer.

**In expressive art and design:** We will use junk modelling equipment to make our own rocket deciding which colours and materials to use. We will use a range of different materials to make representations of Earth and the different planets in our solar system. We will explore and describe different textures. We will look at 'The Starry Night' by Vincent Van Gogh and try to recreate this ourselves. We will select tools and techniques needed to shape, assemble and join. We will explore long and short sounds and make our own space music. We will learn to act out the life of an astronaut. We will act out a space adventure using the small world toys.

**Celebrate:** We will celebrate the end of our topic with a space party. Children will make star sandwiches and decorate planet biscuits. We will then dance to space music. We might even come in dressed up as aliens love underpants!

### Across the curriculum:

#### Role Play Area:

Space  
Children will dress up as astronauts and role play life in space

#### British Values:

Our focus will be on Democracy this term. We will vote for our class representatives and will vote for our story each day. We will also discuss events in the news such as Brexit.

#### Boarshaw Primary Promise:

As part of our promise we will play conkers and take part in Forest School.