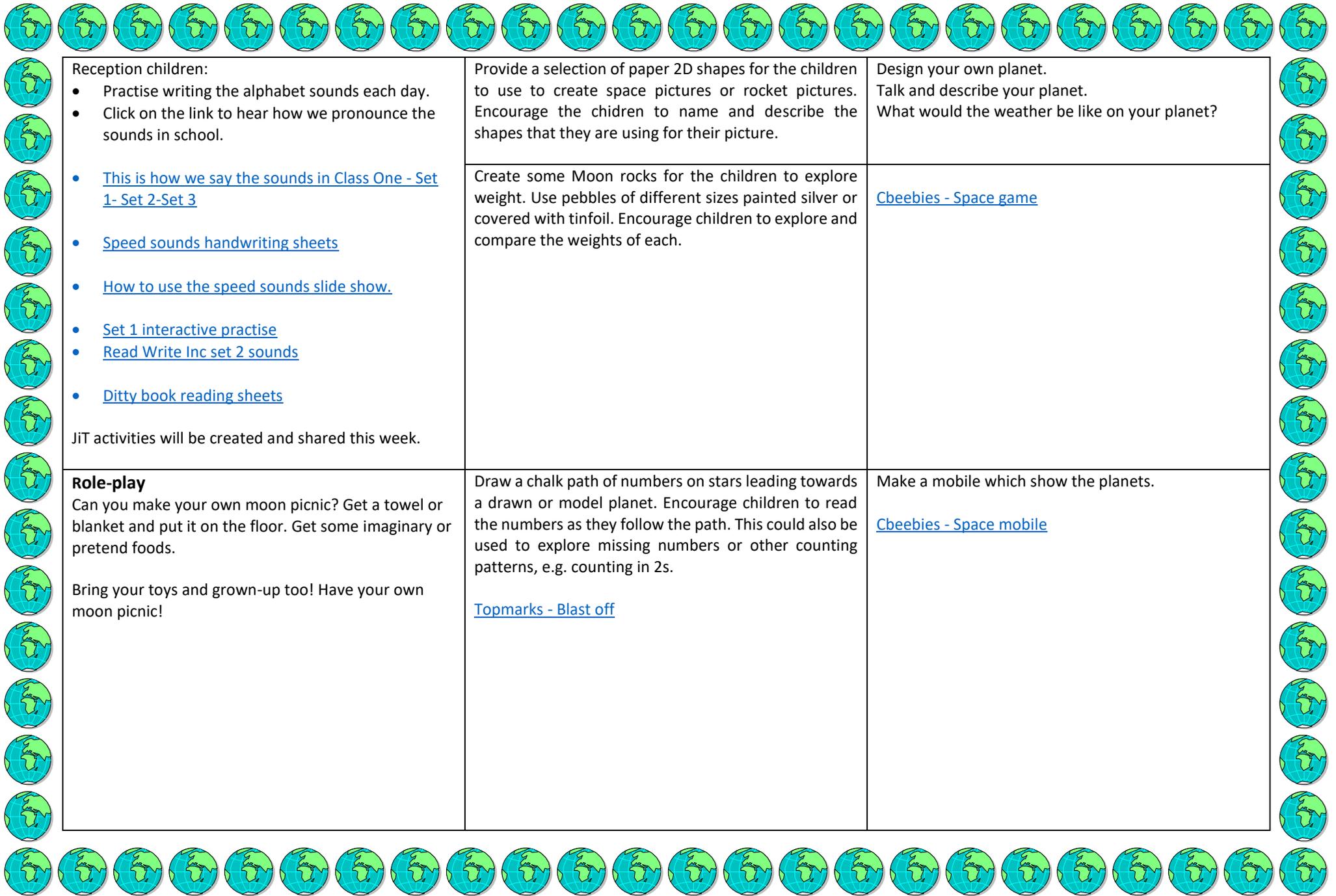


## Class One - Here is your home learning menu for our topic: Space and rockets. 11/5/20

This is such a huge topic so at this stage it is best to keep things simple and to go with the interests of your child if possible. Key words would include these as a starting point but there are obviously lots more! Planet, star, solar system, orbit, gravity, astronaut, Sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Moon.

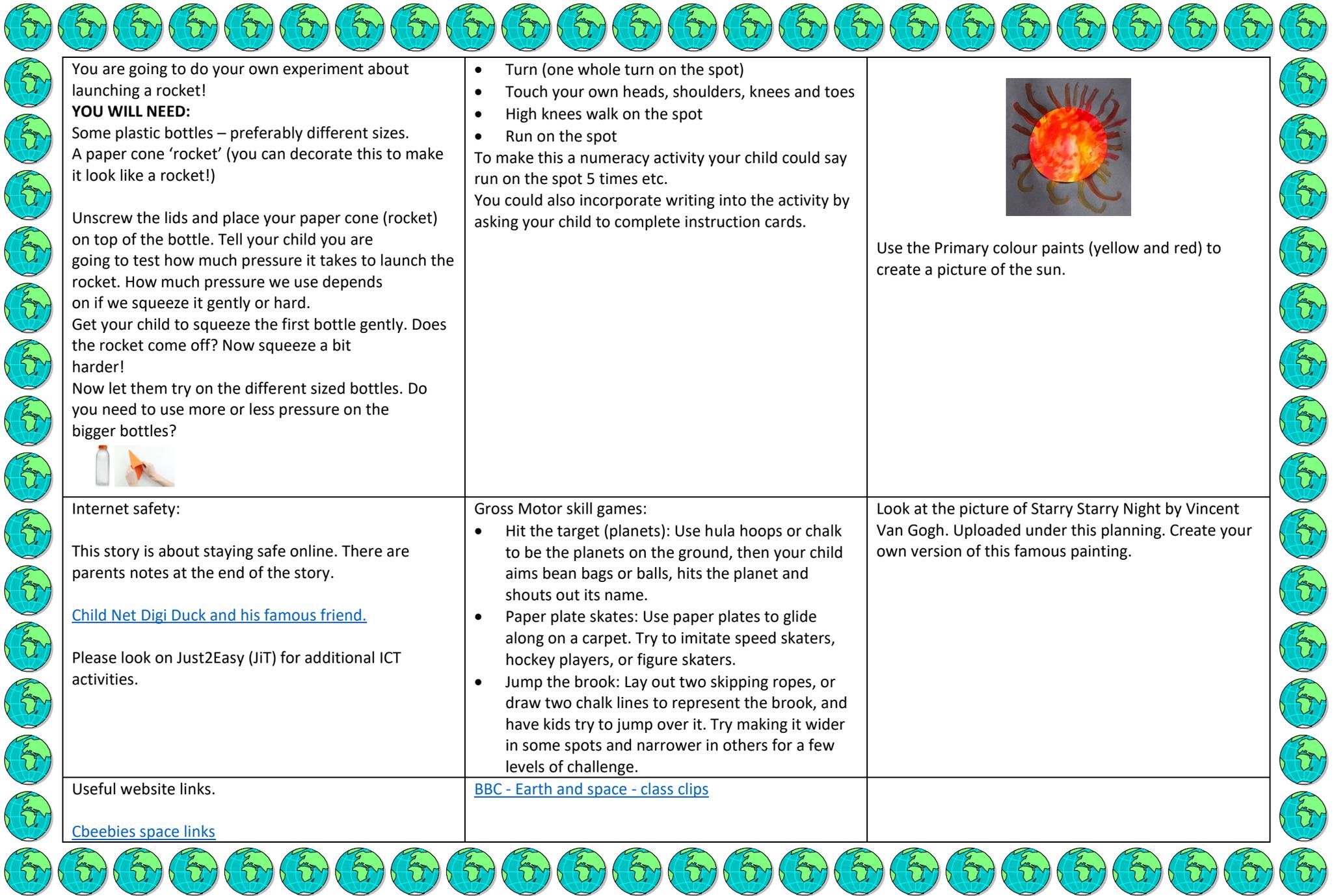
Language, Literacy and Communication	Mathematics and Numeracy	Humanities
<p><b>Book of the week:</b> <b>Back to Earth with a Bump - Twinkl</b> Create a specially decorated chair with the children. This then becomes a special story-telling chair for your child to retell the story to you.</p> <p><b>Other books I shall be using:</b> Whatever Next by Jill Murphy</p>	<p><a href="#">Hamilton Maths</a></p> <p>Please remember that Hamilton Maths use links to Youtube. Reception children should not be unsupervised on Youtube.</p> <p><a href="#">Digit Dog Number challenge</a></p> <p><a href="#">Digit Dog - Fill the frame game - Number bonds game</a></p>	<p>Find 3 facts about space that interest you and display them in an imaginative way.</p>
<p><b>Hot Seating</b> activity – questions and guidance uploaded under this planning.</p>	<p>Place a toy rocket in different places around the outdoor area. Encourage children to describe where the rocket is. For example, 'The rocket is at the top of the climbing frame,' or 'the rocket is next to the bike shed.' Encourage children to use a variety of positional language to describe the location of the rocket.</p>	<p><a href="#">BBC Bitesize - The moon landing - clips shows the first landing on the moon</a></p>
<p>Write an alternative ending for the story Whatever next!</p> <p>Write a diary entry from the point of view of Baby Bear. What happened to him? How did he feel about it?</p>	<p>Hide some plastic stars in a sand tray. Encourage children to count how many stars they find. They could also sort the stars into sets of the same size. You could also number the stars and the children have to find all the stars and put them into the correct order.</p>	<p>Find out about the history of space flight and the different astronauts who have landed on the moon. Create a fact file.</p>
<p>From the book Whatever Next by Jilly Murphy, there is an open envelope above the Bears' fireplace. Could you write the letter that might have been inside it?</p>	<p>Make a shopping list that includes items you might need for a picnic on the moon. How much would these things cost? How much would they cost altogether?</p>	<p>Look at some pictures of real astronauts in their rockets Tim Peake our astronaut went to space for 6 months in December 2015 and returned in June 2016. They are in very small spaces and in lockdown a little like us. Can you find out how they exercise, go to the toilet, what do they eat, and how do they sleep?</p>
<p>Baby Bear goes 'Whoosh!' out into the night. Can you think of other words to describe how something can travel quickly (or slowly)</p>	<p>Look at the clocks in the illustrations. What times do they show? Learn how to tell o'clock. Make your own clock to practise.</p> <p><a href="#">Topmarks - Teaching clock</a></p>	<p>Draw a space map. You could draw different planets, stars and spaceships. Label your space map.</p>





Science and technology	Health and well being.	Expressive Arts
<p>Look in some Science books and find out about the moon. Could you write a report about it?</p> <p>Name and order the planets in our solar system.</p>	<p>Baby Bear thinks that the moon is a bit boring. Plan some games and activities that he could do to make his trip a little more exciting.</p>	<p>Songs to learn:  <a href="#">BBC - 5 little men in a flying saucer</a></p>
<p>Think about the things in the story that can fly. Draw and write a list of other things that can fly.</p>	<p>Provide some salt dough or playdough for children to use to explore moulding and shaping into balls to represent different planets. You could provide different colours of playdough for children to mix together to create swirls of different colours or plain salt dough for children to decorate once dry.</p>	<p><a href="#">Out of the Ark - daily songs</a></p> <p><a href="#">S4C Cyw songs</a></p>
<p>Can you complete the experiments which are underneath this planning?</p>	<p>Feeling energetic?            Why not do some star jumps! See how many you can do, counting as you go.            Can you count 20 star jumps?            This is an opportunity to introduce your child to using a timer.            How many star jumps can they do in a minute?</p>	<p>Singing            Have fun singing or saying the rhyme together.</p> <p><a href="#">BBC - Twinkle - Twinkl Little star</a></p> <p>Make your own actions for the stars twinkling in the night sky. When you talk about up above, reach up high. You can be as dramatic and expressive as you wish. Talk about stars Where and when will you see them? Use this as an opportunity to enrich your child's language and to have conversations.</p>
<p>Materials - Which materials did we see in the story this morning? Go on a materials hunt and identify things inside or outside that are made from each material. How many different materials can you find? Record your findings however you wish eg. Use technology to make a video, draw pictures etc...            Sorting materials            Think about the different materials that you identified. Some are very similar and some very different. Discuss the meaning of the properties (transparent, waterproof, absorbent, bendy) Which materials do you think are bendy? etc..</p>	<p>The astronauts would like you to help them make a new exercise obstacle course. Design and create a new exercise obstacle course for the astronauts. Here are some ideas for you:</p> <ul style="list-style-type: none"> <li>• Star jumps</li> <li>• Skips (with a rope or without if you don't have one)</li> <li>• Throw a bean bag (or similar) in the air and catch it</li> <li>• Hop on the spot</li> <li>• Jump in and out of a hoop (or a circle drawn on the floor)</li> <li>• Crouch down and stretch up</li> </ul>	<p>Encourage children to draw a space scene using chalks on black paper or on a suitable area in your garden.</p>





You are going to do your own experiment about launching a rocket!  
**YOU WILL NEED:**  
 Some plastic bottles – preferably different sizes.  
 A paper cone ‘rocket’ (you can decorate this to make it look like a rocket!)

Unscrew the lids and place your paper cone (rocket) on top of the bottle. Tell your child you are going to test how much pressure it takes to launch the rocket. How much pressure we use depends on if we squeeze it gently or hard.  
 Get your child to squeeze the first bottle gently. Does the rocket come off? Now squeeze a bit harder!  
 Now let them try on the different sized bottles. Do you need to use more or less pressure on the bigger bottles?



- Turn (one whole turn on the spot)
  - Touch your own heads, shoulders, knees and toes
  - High knees walk on the spot
  - Run on the spot
- To make this a numeracy activity your child could say run on the spot 5 times etc.  
 You could also incorporate writing into the activity by asking your child to complete instruction cards.



Use the Primary colour paints (yellow and red) to create a picture of the sun.

Internet safety:  
 This story is about staying safe online. There are parents notes at the end of the story.  
[Child Net Digi Duck and his famous friend.](#)  
 Please look on Just2Easy (JiT) for additional ICT activities.

- Gross Motor skill games:
- Hit the target (planets): Use hula hoops or chalk to be the planets on the ground, then your child aims bean bags or balls, hits the planet and shouts out its name.
  - Paper plate skates: Use paper plates to glide along on a carpet. Try to imitate speed skaters, hockey players, or figure skaters.
  - Jump the brook: Lay out two skipping ropes, or draw two chalk lines to represent the brook, and have kids try to jump over it. Try making it wider in some spots and narrower in others for a few levels of challenge.

Look at the picture of Starry Starry Night by Vincent Van Gogh. Uploaded under this planning. Create your own version of this famous painting.

Useful website links.  
[Cbeebies space links](#)

[BBC - Earth and space - class clips](#)



Reception children will have work uploaded to their JiT account. Please look for the folder which says – Space and rockets - 11/5/20



I enjoy seeing the work that you have completed at home. Please upload it to Just2Easy on Hwb or send me a photo on Dojo.

