

Year: Reception

Term: Spring 1

Topic: Space and Planets

Hand in date: 27/1/17

What I need to do:

As part of your homework you will need to design and make a space ship?



Week 1: Draw and label a space ship design in your books.

What resources do you plan to use?

Week 2: Collect resources you will need to make your space ship. E.g. you may need a cereal box, kitchen roll tubes, paint, colour pencils or sellotape.

Week 3: Begin to make and decorate your spaceship using resources collected. You could paint, collage, or use colouring pens to decorate your space ship when finished.

Questions to think about:

What size and shape could my space ship be?

What colour will it be?

What material can I use for a shiny surface?

How many windows will it have?

How an adult can help me:

Collect my materials

Help me to hold the scissors correctly

Show me different pictures of space ships or rockets. Take me to the library to look at information books about space, planets and space craft's.

Resources I will need: Art supplies; junk boxes, glue, scissors, scrap materials /tissue paper to collage, colouring pencils and paper.

Useful Websites:

<http://www.bbc.co.uk/newsround/14126818>

http://www.kidsastronomy.com/solar_system.htm

http://www.nasa.gov/audience/foreducators/spacesuits/home/clickable_suit.html#.VKfFCyusUrd

<http://discoverykids.com/games/space-puzzles/>

<http://space-facts.com/>

Context: This term we are learning about Space and Planets. We will be looking at information books and how to find specific information using the contents page. We will be creating our own information books on space.

Literacy and Numeracy Activities:

Week 1:

Literacy: Can you name objects found in space? E.g. stars and sun

Ext: Can you write a list of objects found in space?

Numeracy: Can you make a 2D shape space picture?

Ext: Can you name and talk about the properties of shapes you have used? E.g. A square has 4 sides, 4 corners and the sides are the same length.

Week 2:

Literacy: Can you draw and label the planets in our solar system?

Ext: Can you record the names of the planets in order?

Numeracy: Can you find the missing numbers in the sequence?

5_ 7, 8 _10, _1_, 3_ 5, 10_ _13

Ext: Can you find the missing numbers beyond 10?

11, _15_ , _17_ , _20_

Week 3:

Literacy: 'How to catch a star' by Oliver Jeffers.



Can you think of different ways the boy could catch the star? E.g. using a net

Ext: Can you think of a problem using 'but'. E.g. 'He could use a net but it is too short.

Numeracy: Can you count on to find the answer to these number sentences?

5 + 2 = _ 9 + 5 = _ 12 + 3 = _ 7 + 3 = _ 8 + 5 = _

Ext: Can you form 4 of your own addition number sentences?

Skills I will use:

Holding a pencil and using it correctly to form sounds and numbers.

Handling scissors correctly to cut.

Hearing sounds in spoken words and attempting to link the sounds to letters.

Forming 'Golden' sentences (Capital letters, finger spaces and full stops)

Learning my numbers and knowing the value of it.

Counting backward to find numbers less than.

Extension: If you have finished your homework and wish to continue, now try to write information about what you have learnt so far about the solar system. What is the hottest planet? Why?

