

Wednesday 10th February

Learning Objectives:

Kennedy Space Centre	Yr 4 - Count in fractions. Yr 5 - Mixed numbers to Improper fractions.	Science: Movement of the moon.
----------------------	---	--------------------------------

English

Today we are going to continue our Travel Brochures with a page on the Kennedy Space Centre.



Kennedy Space Centre (originally known as the NASA launch operations centre) is one of the National Aeronautics and Space Administration's (NASA) ten field centres. Since December 1968, KSC has been NASA's primary launch centre of human spaceflight.

There is a visitor centre which has become one of the largest tourist attractions in Florida. From here you can book to watch a scheduled rocket launch like the one below:

<https://www.kennedyspacecenter.com/launches-and-events/events-calendar/see-a-rocket-launch>

The park is organised into Mission Zones where attractions and tours are organised into chronological eras.

Watch the videos below for more information.

<https://www.youtube.com/watch?v=GVOOrw3SqcoU>

<https://www.bbc.co.uk/bitesize/clips/zgbfb9q>

or read about it on the website:

<https://www.kennedyspacecenter.com/info>

Today you are going to create your own format for the page on the Kennedy Space Centre.

In your report you need to answer the following questions:

What is it and what does it offer?

Where is it?

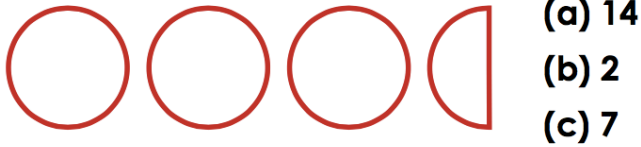
Why is it worth a visit?

Maths

Starter Activity:

Explain

How many quarters in $3\frac{1}{2}$?

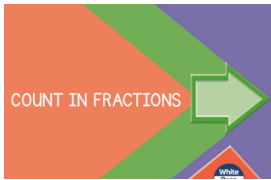


Today's lesson is split into year groups. Please follow the planning for your year group. If you are in Year 5 and you think you would benefit from the Year 4 Lesson then please follow that one.

Year 4:

Today we are going to learn how to count in fractions.
Watch the video below or follow the Year 4 PowerPoint.

<https://vimeo.com/506082065>



Now have a go at one of the sheets: Green, Orange or Red.

Year 5:

Today we are going to continue our work on Improper Fractions and Mixed Numbers by converting Mixed Numbers to Improper fractions.
Watch the video below or work through the Year 5 PowerPoint

<https://vimeo.com/500361175>



Now have a go at one of the sheets: Green, Orange or Red.

Science

Last week we learned about the phases of the moon.

Today we are going to learn more about the movement of the Moon by asking the question:

'Why do we always see the same side of the moon?'

Watch one of the videos to see how the moon moves around the Earth.

<https://www.youtube.com/watch?v=1cFLhim9ej0>

<https://www.youtube.com/watch?v=qdOHRttkKLE>

Task: How would you teach a younger child about the movement of the moon?

You could:

- Make a model like the one below using split pins and card. This is a good activity that demonstrates how the moon and the earth both rotate and revolve.



- Make a poster
- Film a 3d demonstration