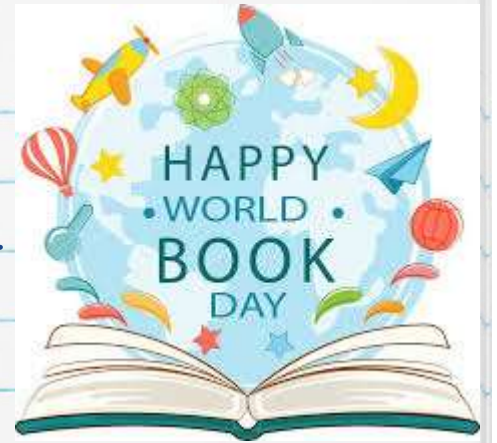


WELCOME TO MISS MCKINNEY'S ZOOM CLASSROOM



4.3.21

GOOD MORNING CLASS 4



Your 8.45am task is...

Read from where you are up to in your reading book and complete the daily challenge...

CLASS CATCH UP — HOW ARE YOU?

- *WORLD BOOK DAY* -

DO NOT FEAR...

WBD WILL BE HAPPENING...THIS AFTERNOON 😊

ZOOM BEHAVIOUR CHARTER

- Mic on mute unless Miss McKinney unmutes
- Use hand up icon to ask questions
- Listen to your teacher
- Listen to your friends
- Remember your best learning behaviour and our class charter
- Do you best 😊

TODAY'S LEARNING OBJECTIVES...

* Be able to describe the movement of the Earth, and other planets, relative to the Sun in the solar system

* Be able to describe the Sun, Earth and Moon as approximately spherical bodies

BREAKOUT ROOMS

BIG questions:

- *What does our solar system comprise?*
- *How does it work?*

VOCABULARY FOR THIS LESSON

Earth, planets, Sun, solar system, celestial body, sphere/spherical, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto,

'dwarf' planet

orbit

opinion/fact

accuracy

precision

scatter graphs, line graphs

support/refute

YOU NEED YOUR LINED PAPER TO TAKE NOTES WHILST WATCHING

<https://www.youtube.com/watch?v=Qd6nLM2QIWw>

Our Solar System

KEY AREAS FOR DISCUSSION

Pluto?

The Sun?

Use of secondary sources?

As far back as the 10th and 11th centuries, the scientist Alhazen completed early work on the reflecting telescope, the principles of which are still used today - for over 25 years the Hubble Space Telescope (a reflecting telescope) has been collecting data and images about our solar system and the universe for scientists to analyse.

PLENARY CHOOSE A QUESTION TO DISCUSS — BREAKOUT ROOMS

What if one of the planets was hit by a meteorite?

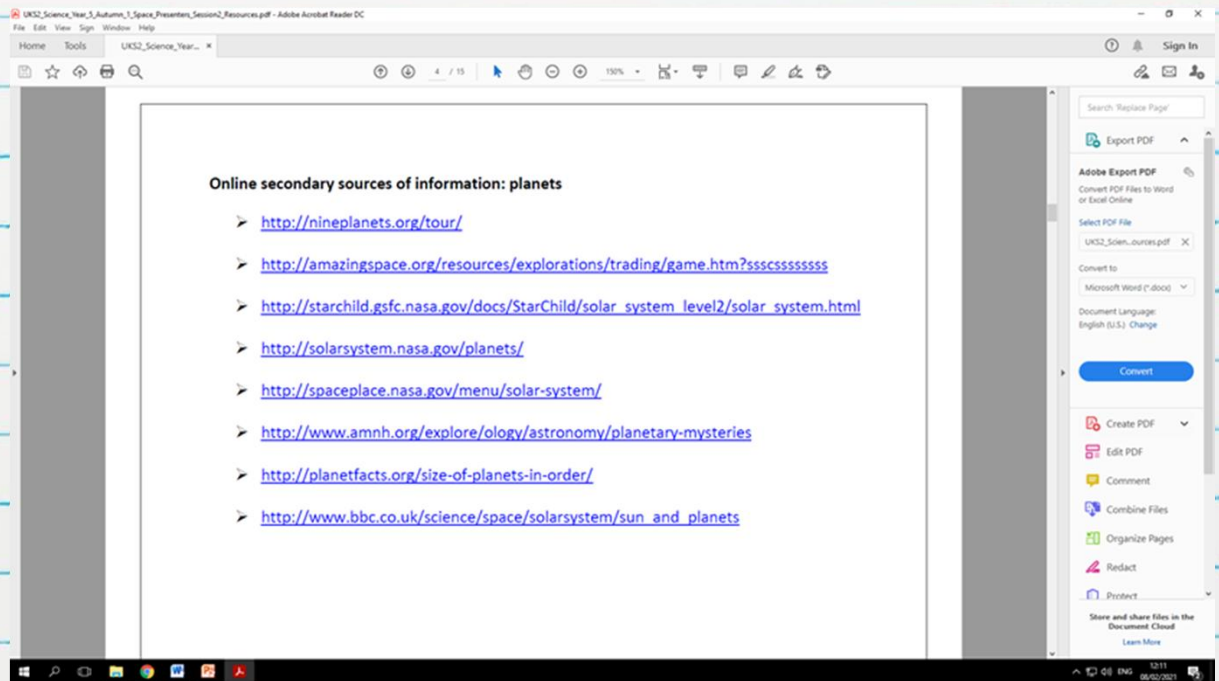
What if all of the planets aligned together?

What if the sun burned out?

OFF THE CALL

Your follow-up challenges: to research the planets and solar system in order to glean some key data and general information.

A fact file?



REPRESENT YOUR RESEARCH GRAPHICALLY...

UKS2_Science_Year_5_Autumn_1_Space_Presenters_Session2_Resources.pdf - Adobe Acrobat Reader DC

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Sample data to collect

Planet	Distance from sun	Average temperate (facing sun)	Diameter	Time to orbit the Sun (in Earth days)	Time to rotate on axis (in hours)	Type of planet	Atmosphere	Other information
Mercury								
Venus								
Earth	149.6 million km	20°C	12,800km	365.3 days	24hrs	Rocky	Nitrogen & oxygen	
Mars								
Jupiter								
Saturn								
Uranus								
Neptune								

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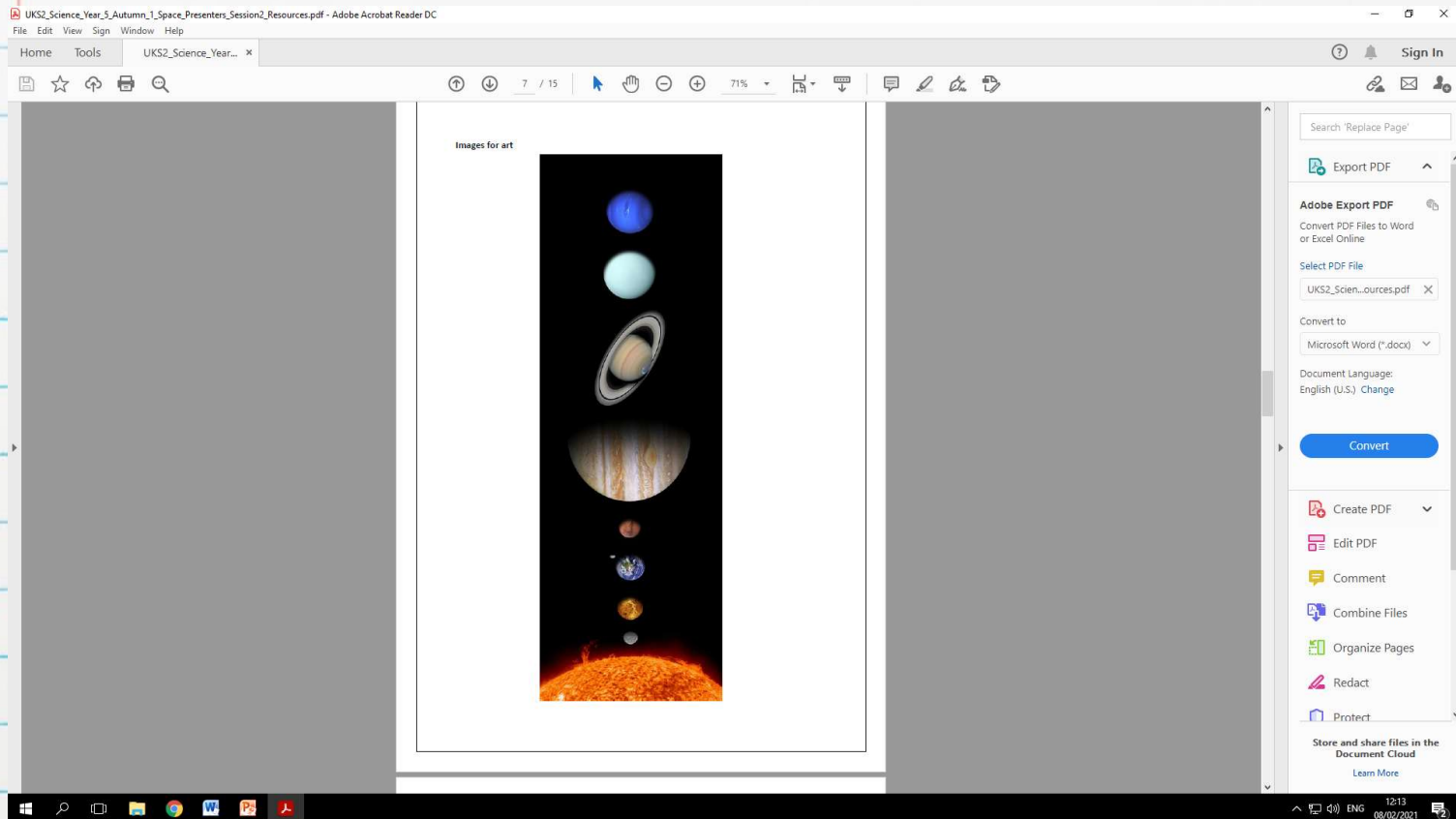
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12:12 08/02/2021

ARTIST'S REPRESENTATION...



THUMBS UP: HAVE WE ACHIEVED OUR OBJECTIVES?

** Be able to describe the movement of the Earth, and other planets, relative to the Sun in the solar system*

** Be able to describe the Sun, Earth and Moon as approximately spherical bodies*

Do you know where to find your maths lesson @ 11am?

Please send your science to me on Class DOJO – there will be lots of points up for grabs today!

Last messages - break time for everyone next 😊

GOODBYE
— FOR NOW