

For Mark to be successful in his world record attempt, he will have to stay awake for 140 hours with less than 3 hours sleep! Mark will be spending all of his 140 hours talking about space, because, who doesn't love space?!



Input :

Introduction : Our own planet, Earth, has lots of different types of weather. How many can you name? (rain, wind, sun, hail, snow, fog, smog, thunder, hurricanes, cloudy).

The other planets in our solar system have different types of weather too! Let's take a look at some of the different types of weather.

Mercury - Mercury has barely any atmosphere at all, so it does not have things like storms, clouds or rain. However, it's temperature goes from 427 degrees Celsius during the day and -187 degrees Celsius at night!

Venus - Venus on the surface is around 450 degrees Celsius with a blanket of acid clouds!

Mars - Mars is much colder than Earth. It can range from 20 degrees Celsius to -20 degrees Celsius!

Jupiter - Jupiter has storms that can grow to be thousands of miles across in the space of a few hours! It has wind, lightning and even auroras. The weather on Jupiter is so extreme it can be seen from space! One of its most famous storms can be seen as the 'Great Red Spot'.

Saturn - Saturn has very violent electrical storms that make lots of energy! It also has a large storm similar to Jupiter, called the 'Great White Spot'.

Neptune - Neptune has dark spots which come and go very rapidly! It is very cold at -214 degrees Celsius and windy!

Activity Ideas -

Create a poster / fun travel brochure for one (or all) of the planets. Think about what type of clothing and weather protection you would need as a tourist to one of these planets, eg. Sunglasses a parasol and sunscreen on Venus. Get creative and add interesting illustrations and information.

You could even record a travel agent video, encouraging tourists to book a holiday to your planet destination!

Remember to tweet in and share your brochure or video with us at @GWRlecture

Key Vocabulary

Weather

Atmosphere

Celsius

Surface

Brochure

Fun Fact

A day on Venus lasts longer than a year on Venus!

One day takes the equivalent of 243 Earth days and a year takes the equivalent of 225 Earth days.