No Limits
To Learning!

Topic Title: May the Force be with You | Year Group: Year 5 | Academic Year:2022-2023

Geography Intent:

Using world maps, globes and online simulators, the children will learn about time zones and locational vocabulary related to planet earth.

<table>
<tr><td colspan="2">Prior Geographical Learning/Linked Topics:</td><td>Literacy Links (including texts/media used):</td><td>Maths Links:</td></tr>
<tr><td>Locational Knowledge</td><td>Place Knowledge</td><td>Human and Physical Geography</td><td>Geographical Skills and Fieldwork</td></tr>
<tr><td>• identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</td><td>•</td><td>•</td><td>•</td></tr>
<tr><td colspan="3">Content:

• Lesson 1: Introduction to key vocabulary and points on a world map.

• Lesson 2: Children will work in pairs to design a globe by wrapping the map around a foam sphere and gluing it on. They will then identify locations on the globe from a key and mark them with stickers.</td><td>Key Vocabulary:

latitude, longitude, Prime/Greenwich Meridian, degrees (as in the degrees used to measure longitude), Equator, Northern Hemisphere, and Southern Hemisphere, Tropic of Cancer, Tropic of</td></tr>
</table>

Wraysbury Primary School

No Limits
To Learning!

• Lesson 3: Children to use their previously constructed globes and torches to answer questions about day and night. (For example, "If it is night time in Australia, in which of these locations is it most likely to be daytime?" They need to make sure that the torch is not shining on Australia and identify that it is shining on the location that is the correct answer). • Lesson 4: Introduce concept of time zones – show the sun rising in the currently selected city. Move back and pick a location to the east and point out that the sun will rise there first. Then move on and pick a location to the west and show that the sun does not rise there until later. Ask children what would happen if we decided the entire world would run on the same clock and the time everywhere would be the. Explain that because of that there are different time zones so that everyone experiences the sunrise in the morning and the sunset in the evening. Show time zone map and talk over how to read it correctly.	Capricorn, Arctic Circle and Antarctic Circle, Sunrise, Sunset, Time Zones

Stunning Start/Marvellous Middle/Fabulous Finish:	OAA/Trips/Visits/Visitors:
Lesson 3 and 4 – using a world simulator	