

Science

Class 4

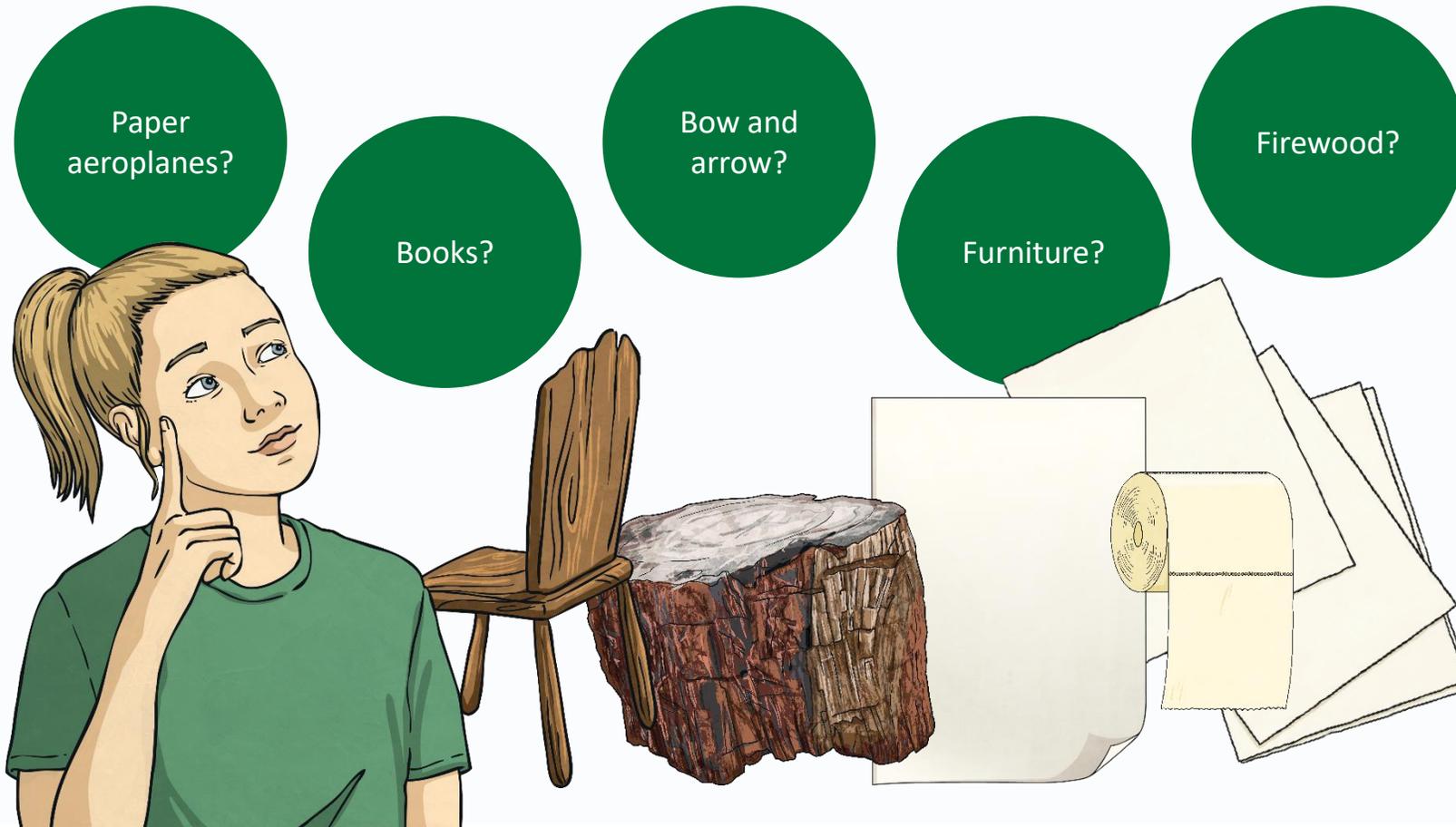
Deforestation

Monday 8<sup>th</sup> February 2021

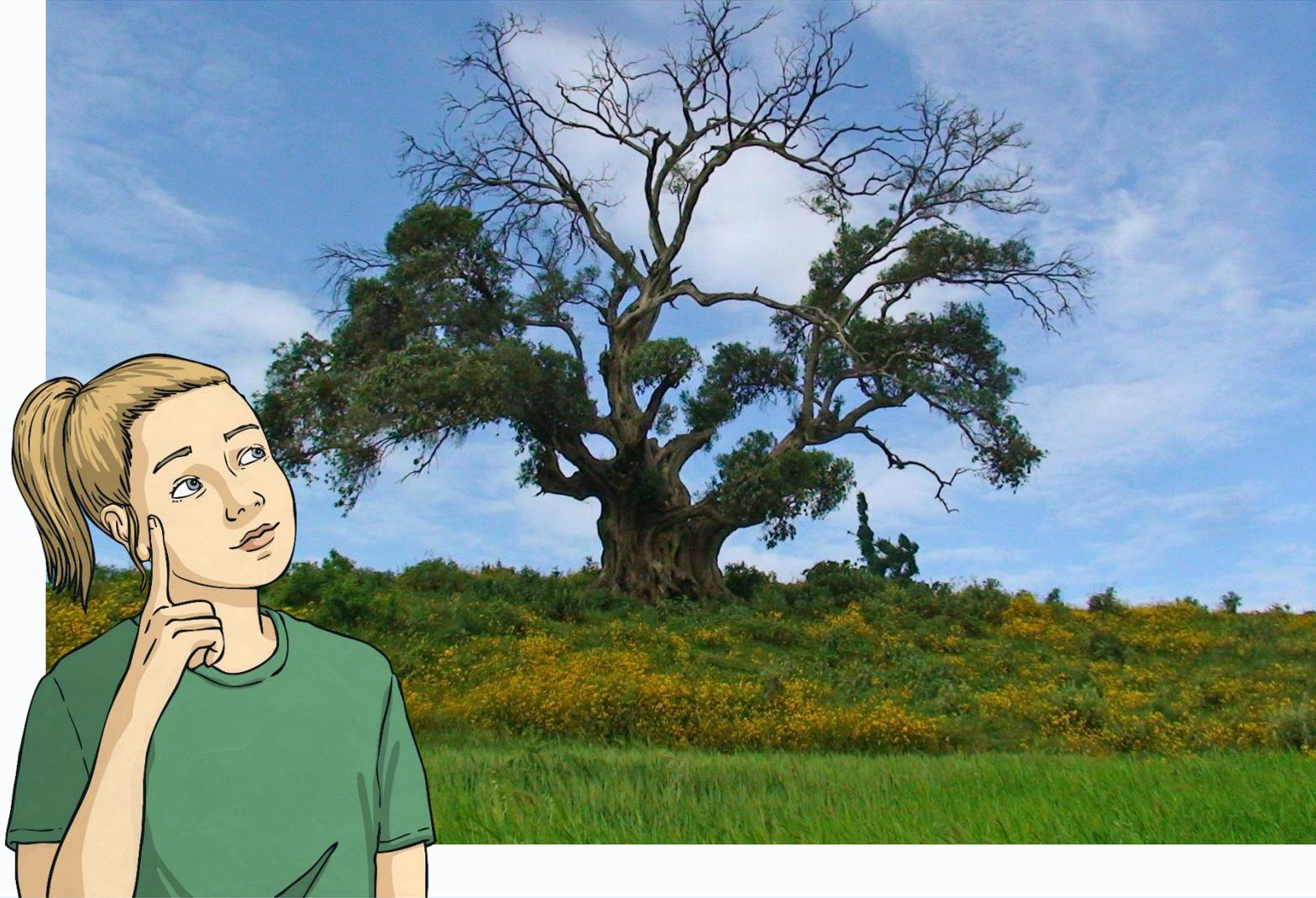
Lesson Objective: To understand what deforestation is and how this impacts upon habitats and different living things.

# Think about It

What do you think about when you look at these pictures?

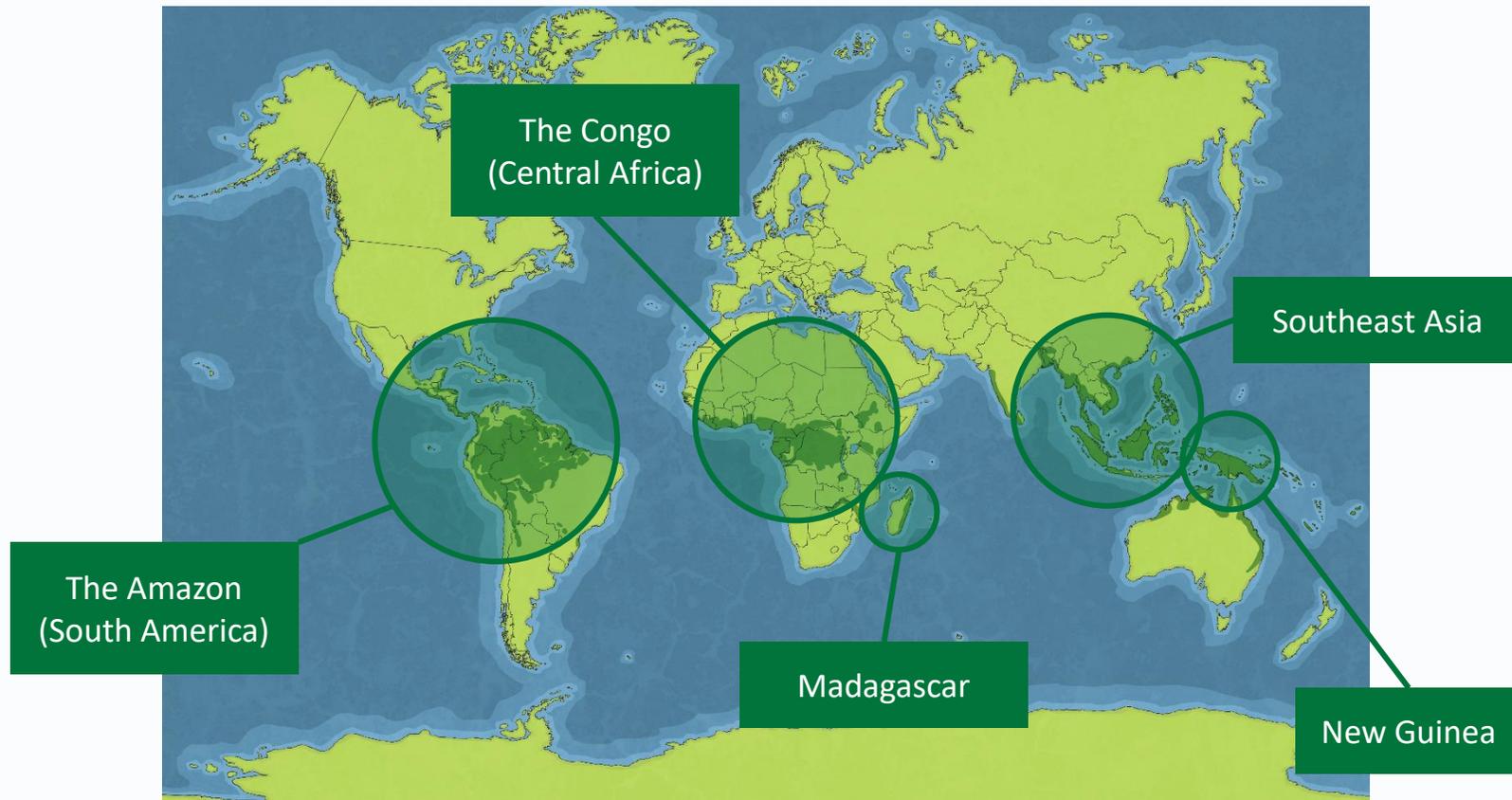


What about a tree or perhaps a forest?



# Forest Fact

Around 30% of the Earth is covered by trees.



# Why Are Rainforests so Important?

Rainforests cover only 6% of the Earth but they are home to 50% of all plant and animal species. In just four square miles you might find:

1,500 flowering  
plants



400 species of birds



750 species of trees



150 species of  
butterflies



# Why Are Rainforests so Important?

25% of medicines come from plants found in the rainforest.



# What Is Deforestation?

Deforestation occurs when trees are cut down across a wide area which is then permanently cleared for another use.



## Did You Know...?

Every minute, an area of rainforest the size of a football pitch is cut down. If this rate continues, there will be no rainforests in 100 years.

# Why Are the Rainforests Cut Down?



Trees are useful and valuable. Among other things, they are used for paper, building and firewood.



The rainforest is home to a unique variety of tree species. Hardwoods such as teak or mahogany are strong and so are perfect for building and for making furniture. However, these trees are slow growing and are not easy to replace.



There are over 7 billion people on the planet.  
This number keeps growing.  
By 2100, there could be 11.2 billion people!



All of these people need food so land is  
cleared for farming.

# What Are the Effects of Deforestation?



**Soil erosion:** Tree roots help hold the soil and prevent it being washed away. Without trees, the soil is washed into rivers and streams, blocking them, causing flooding and contaminated drinking water.

**Droughts:** Trees are an important part of the water cycle. Without them, there will be a lack of rain.

**Habitat loss:** Animals and plants lose their home so some may become endangered or extinct.

# Task

Red Task - I can describe what deforestation is and can suggest reasons why trees are cut down.

Yellow Task - I can describe what deforestation is, provide arguments for why trees are cut down and can explain the effects of deforestation.

Green Task - I can evaluate deforestation by describing what it is, explaining why trees are cut down and can explain why it is harmful for the environment. I can then summarise with reasoning whether I think deforestation is a good or bad thing.

# Task

- Please complete your work on deforestation on lined paper and use the information in the presentation to support your responses. If you have access to a laptop or computer you could type your work up which is also fine.
- Remember to write in full sentences and include non-negotiables such as capital letters and full stops.
- Remember to show me your best handwriting too. I can't wait to read your responses! If you want to include diagrams underneath your explanations that would be great.