

TERM 1 : WEEK 4

Science Lessons

LESSON 1

Review:

Review the previous lesson from *The Sciences* by telling your parent what you remember about it.

Lesson Setup:

Today we will learn more about barometers and how they can be used to measure mountains and predict weather.

Reading & Narration 1:

Read aloud the 'How to measure the Heights of Mountains' section on pages 85 and 86 of *The Sciences*. Give an oral narration.

Reading & Narration 2:

Parent reads aloud 'The Barometer is a Weatherglass' and 'United States Weather Bureau Predictions' sections on pages 86 to 88. Give an oral narration.

Video:

Watch this 3 minute Youtube video about how weather predictions are done today:

https://www.youtube.com/watch?v=fdErsR8_NaU

LESSON 2

Review:

Review the previous *Madam How and Lady Why* lesson by telling your parent what you remember about it.

Lesson Setup:

Today we will learn about the various underground lakes created within caves and the creatures that live in them.

Images of the caves mentioned can be found here:

- [Knaresborough Well](#)
- [Mammoth Cave in Kentucky](#)

New words:

petrifies – Changes organic matter into a stoney substance.

subterranean – Occurring under the Earth's surface or underground.

genial – Pleasantly mild and warm.

cataracts – Large waterfalls.

LESSON 3

Review:

Review the previous lesson by telling your parent what you remember about it.

Lesson Setup:

We complete the chapter today, continuing to learn about the underground life found in caves. You will need your Natural History book today.

Please note the reference to "lords and ladies" refers to the arum flower. The "Indians" referred to in today's reading refers to Venezuela's local indigenous population at the time. Images of the Venezuelan cave mentioned can be found here: [Cave of Caripé in Venezuela](#).

New words:

nave – The central part of a church building, used to accommodate most of the congregation.

abyss – Very deep, or seemingly bottomless chasm.

doleful – Sad and mournful.

Between the Lines Science & Nature Study Year 5

Reading & Narration 1:



Silently read from “And out of ...” on page 165 of ‘Chapter VII: The Chalk-Carts’ in *Madam How and Lady Why* until “... round and round inside.” on page 166. Give an oral narration.

Reading & Narration 2:



Read aloud until the end of page 167 of ‘Chapter VII: The Chalk-Carts’. Give an oral narration.

Reading & Narration 1:



Parent reads aloud from “There are blind ...” on page 168 of ‘Chapter VII: The Chalk-Carts’ in *Madam How and Lady Why* until “... he did expect.” on page 169. Give an oral narration.

Reading & Narration 2:



Silently read from “For the Indians ...” on page 169 of ‘Chapter VII: The Chalk-Carts’ until the end of the chapter. Type up a written narration of at least 9 sentences about today’s reading. Print it out and paste it in your Natural History book.

Short Discussion:

Have a discussion with your parent about what you’ve learned in ‘Chapter VII: The Chalk-Carts’ during the last few weeks. Ask questions and discuss the pictures.

Nature Outing

Year 5 only

Do as a Family

Find and identify two **animals** in your neighbourhood or household (observe the animals’ behaviour, take photographs and collect samples of fur or hair if possible, if the animal is an insect, collect the insect and place it in a jar for a few minutes to observe it). Use your local animal field guide to help you identify them.

Nature Notebook

Year 5 only

Do as a Family

Write down the date, time, weather and the names of the animals in your Nature Notebook. Remember to include a barometer reading as well.

Make a brushdrawing of each animal using photographs, feathers or specimens as reference. Write down three labels or facts next to each animal painting.

If an insect was collected, place a white piece of paper behind the jar so it’s easier to see. Use a magnifying glass if necessary.

Name and verbally describe the two animals.