

Year 6

## Core Learning Links



Tudor Grange Primary Academy  
**St James**

Information in this document is aimed to support children throughout **Autumn 2 half term** in Year 6.

### Mathematics



Mathletics: <https://login.mathletics.com>

Times Tables Rock Stars: <https://trockstars.com/>

#### **Oak Academy Virtual Lessons:**

Represent decimal numbers in a variety of ways

<https://classroom.thenational.academy/lessons/represent-decimal-numbers-in-a-variety-of-ways-cmv6ae>

Place Value to 3 Decimal Places

<https://classroom.thenational.academy/lessons/place-value-to-3-decimal-places-6crpat>

Multiply and divide by 10, 100 and 1000 involving decimals

<https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r>

Multiply and divide by 10, 100 and 1000 with in context

<https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-with-in-context-c4t68t>

Understand the terms 'common factor' and 'common multiple' as properties of a number

<https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c>

Identify properties of numbers

<https://classroom.thenational.academy/lessons/identify-properties-of-numbers-6ww34t>

Multiply a decimal number by a whole number

<https://classroom.thenational.academy/lessons/multiply-a-decimal-number-by-a-whole-number-6mwpcd>

Solve multiplication problems using known and derived facts

<https://classroom.thenational.academy/lessons/solve-multiplication-problems-using-known-and-derived-facts-6ngk2t>

Use efficient strategies to multiply numbers, including decimals

<https://classroom.thenational.academy/lessons/use-efficient-strategies-to-multiply-numbers-including-decimals-6rr3at>

Practise multiplication and division skills

<https://classroom.thenational.academy/lessons/practise-multiplication-and-division-skills-64vp2e>

Use formal written methods for short multiplication including multiplying decimals

<https://classroom.thenational.academy/lessons/use-formal-written-methods-for-short-multiplication-including-multiplying-decimals-6rvp2r>

#### **White Rose:**

<https://whiterosemaths.com/homelearning/year-6/>

Addition and Subtraction – Week 3-7: <https://whiterosemaths.com/homelearning/year-6/week-3/>



Fractions – Week 8 onwards: <https://whiterosemaths.com/homelearning/year-6/week-8-number-fractions/>

# English



## **Reading**

Access some Classic Texts here: <https://researchify.co.uk/audiobooks.html> Alice in Wonderland might be a good one to start with. You could listen to the Audiobook whilst following along.

Use your [Read Theory](#) account to continue working on your comprehension skills.

Have a look at some [Quick Reads](#) on all sorts of interesting topics! Can you find out what causes freckles?

Look at these Oak Academy lessons based upon Blitz survivor stories.

[Lesson 1](#) - To activate prior knowledge and consider the historical context

[Lesson 2](#) - To read a recount and answer retrieval and inference-based questions

[Lesson 3](#) - To understand the key information in a text and consider the author's perspective

[Lesson 4](#) - To read a new text and consider the author's use of language

[Lesson 5](#) - To consider how reading can provide people with a way of learning new things

## **Writing**

Oak Academy has produced a set of 10 lessons all around biographical writing.

<https://classroom.thenational.academy/units/important-scientists-biographical-writing-f64b>

OR

These 20 lessons look at Journalistic writing based upon Spider Man, including a sustained writing opportunity.

<https://classroom.thenational.academy/units/spiderman-journalistic-writing-191c>

## **Spelling**

Use your [Spelling Shed](#) account to continue working on your spellings. Try playing Hang-man, Battle Ships or Silly Sentences with someone at home using your spelling words.

## **Vocabulary, Grammar and Punctuation**

### Contractions

Activity 1: <https://uk.ixl.com/ela/year-6/pronoun-verb-contractions>

Activity 2: <https://uk.ixl.com/ela/year-6/contractions-with-not>

### Similes and Metaphors

Activity 1: <https://www.bbc.co.uk/bitesize/topics/zfkk7ty/articles/z9tkxfr>

Activity 2: <https://uk.ixl.com/ela/year-6/identify-similes-and-metaphors>

Activity 3: <https://uk.ixl.com/ela/year-6/determine-the-meanings-of-similes-and-metaphors>

# Science



## **Oak Academy Virtual Lessons:**

How do scientific ideas change?

<https://classroom.thenational.academy/lessons/how-do-scientific-ideas-change-crv6cc>

How has our understanding and use of electricity developed?

<https://classroom.thenational.academy/lessons/how-has-our-understanding-and-use-of-electricity-developed-6rw68t>

How has human use of materials changed over time?

<https://classroom.thenational.academy/lessons/how-has-human-use-of-materials-changed-over-time-6dhpcr>

How has our understanding of the human body changed over time?

<https://classroom.thenational.academy/lessons/how-has-our-understanding-of-the-human-body-changed-over-time-61h32e>

How has the discovery of DNA changed science?

<https://classroom.thenational.academy/lessons/how-has-the-discovery-of-dna-changed-science-6wvk2c>

How have our ideas about the universe changed over time?

<https://classroom.thenational.academy/lessons/how-have-our-ideas-about-the-universe-changed-over-time-69h68d>