




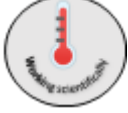



# Year 7

Autumn term

<p><b>Read the articles and complete the quiz to earn the topic badge.</b></p> <p>Working science</p>  <p><a href="https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMDM3MDk2MDgw/details">https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMDM3MDk2MDgw/details</a></p>	<p><b>Watch the video</b></p> <p>Pick a podcast and tell your teacher about what you learnt</p>  <p>from <a href="https://www.sciencepodcastforkids.com/">https://www.sciencepodcastforkids.com/</a></p>
<p>Cells</p>  <p><a href="https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMDM4MDczMDk1/details">https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMDM4MDczMDk1/details</a></p>	 <p><b>Complete the task.</b></p> <p>Find out why you are taller in the morning and tell your science class._</p>
<p>Particles</p>  <p><a href="https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3Njc4NTI1/details">https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3Njc4NTI1/details</a></p>	<p><b>Visit or explore their website</b></p> <p>Science Museum</p>  <p><a href="https://www.sciencemuseum.org.uk/home">https://www.sciencemuseum.org.uk/home</a></p>
<p>Forces</p>  <p><a href="https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3Njc4ODM5/details">https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3Njc4ODM5/details</a></p>	

## Spring Term

**Read the articles and complete the quiz to earn the topic badge.**

Organisation



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3ODE1NDMy/details>

Elements



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY5Mjc5NTM4/details>

Magnets



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcwOTc0NDQ4/details>

**Watch the video**

Chemical Curiosities: Surprising Science and Dramatic Demonstrations



<https://www.youtube.com/watch?v=tIE2ZKZpC4>

**Complete the task.**



Find a diagram of a skeleton and see how many of the 206 bones names you can memorise and point out to your teacher using our school skeleton!



**Visit or explore their website**

Visit the Natural History  
<https://www.nhm.ac.uk/>

## Summer Term

Read the articles and complete the quiz to earn the topic badge.

### Energy



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcxODIyNDc2/details>

### Reproduction



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY3NDQyMTkx/details>

### Reactions



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY5NzAyNDEx/details>

### Watch the video

Where Do I Come From? - Alice Roberts and Aoife McLysaght



<https://www.youtube.com/watch?v=bBgnqVLQm5s>

### Complete the task.

Find out the EPC rating (energy efficiency) of your house.

What could you do to improve



it? It could save your family a lot of money!

### Visit or explore their website



Catalyst museum – Liverpool

<https://www.catalyst.org.uk/>

# Year 8

Autumn term

**Read the articles and complete the quiz to earn the topic badge.**

Acids



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjY5MjA4NTY5/details>

Space



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcwODk0NDc5/details>

Health and Lifestyle



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcxMjUyODIx/details>

Periodic Table



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcxNjE5NTU0/details>

**Watch the video**

It's Rocket Science! with Professor Chris Bishop



<https://www.youtube.com/watch?v=HES0at2iPzU>

**Complete the task.**

Find out what happens to your waste when you flush the toilet and write up a report.



**Visit or explore their website**

The Space Centre at Leicester



<https://spacecentre.co.uk/>

## Spring Term

Read the articles and complete the quiz to earn the topic badge.

Electricity



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjc0OTY4ODgz/details>

Ecosystems



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjc0OTY4ODgz/details>

Separation technique



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcyNTgwMzUy/details>

Watch the video



Watch: Among the Great Apes With Michelle Yeoh (2009) If you've ever wondered what it's like to work with great apes, this film will give you an inside look. Actress Michelle Yeoh travels to Malaysia to discover how orangutans are being helped and nursed back to health. <https://www.youtube.com/watch?v=MnZzEEGLM>

**Complete the task.**

Find out what species of trees you have in your garden/neighbourhood. Produce a report with some photos of the leaves.

**Visit or explore their website**

Bempton Cliffs to see puffins.

<https://www.rspb.org.uk/reserves-and-events/reserves-a-z/bempton-cliffs/>

## Summer Term

**Read the articles and complete the quiz to earn the topic badge.**

**Microbes**



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcyMzAxODY4/details>

**Motion and pressure**



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjc1Mjl5OTM4/details>

**Materials**



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjczODg2MTUx/details>

**Watch the video**

Chemical Curiosities: Surprising Science and Dramatic Demonstrations

[https://www.youtube.com/watch?v=ti\\_E2ZKZpC4](https://www.youtube.com/watch?v=ti_E2ZKZpC4)

**Complete the task.**

Find out what vaccinations you have had in your life. Why are these systematically given to children?

**Visit or explore their website**

National coal mining museum  
<https://www.ncm.org.uk/>

# Year 9

Autumn term

Read the articles and complete the quiz to earn the topic badge.

Inheritance



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcyMjgwMDcz/detail/s>

Earth



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjcyODg2NDY1/detail/s>

Sound



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjc1NTE3MjM2/detail/s>

Light



<https://classroom.google.com/c/NTM4Njk3MjA1MTIa/m/NDQwMjc1NTE1ODU0/detail/s>

Watch the video

Make a coin battery:

<https://teachbesideme.com/make-coin-battery/>



Complete the task.

Find out what happens to your household recycling and prepare a presentation to give to your class



Visit or explore their website

Dynamic Earth in Edinburgh

<https://www.dynamicearth.co.uk/>



Spring Term and Summer Term

Use the GCSE Biology, Chemistry and Physics documents