

# Year 8 Home Learning Support Document

In this booklet you will find an outline of your PREP Learning tasks to be completed for this half term.

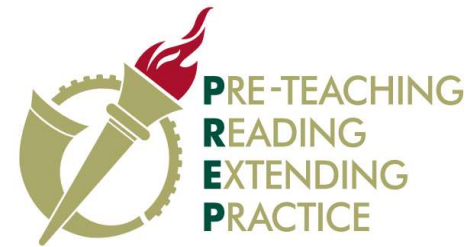
All PREP Learning tasks are essential to your learning in lessons and revolve around four principles:

**Practice** – helping you to retain and remember information

**Reading**- helping you to build your knowledge

**Extend** – helping you to secure knowledge or skills

**Pre-Learning**– preparing you for learning



Your teachers will give you further resources and put further information surrounding your assignments on Class Charts during the week they are set and all work complete will be used as part of your lesson, so it is important to complete it on time. Due date will be on Class Charts.

Remember, if you are unsure of the work you need to complete you can: seek support speak to/email your teacher or attend Home Learning Club after school.

April-May 2025



## Subject: Art

## Persuasive Art

Resources to support lessons

### Websites to support

Building on from lesson learning you can use these websites to support you.

<https://www.tate.org.uk/kids/make/paint-draw/draw-pre-raphaelite>

<https://www.tate.org.uk/kids/explore/who-is/who-pablo-picasso>

<https://www.thesprucecrafts.com/painting-skin-tones-2578322#:~:text=Limit%20yourself%20to%20two%20or,wide%20range%20of%20skin%20tones.>

### Key Vocabulary

- Facial Proportion
- Colour Mixing
- Skin Tone
- Tertiary colour
- Complementary colour

<u>Assignment</u>	<u>PREP</u>	<u>Topic</u>	<u>Home learning</u>	<u>Completed?</u>
1	Pre-Teaching	Persuasive Art – Week 2	Watch this video about Shepard Fairey to extend your understanding of him as an artist: <a href="#">Shepard Fairey: Obey This Film – YouTube</a>	
2	Extend	Art Challenge	Art Challenge: Recycled Art	

HFT5: April-May, 2025

Year 8

# Art Challenge

Art Challenge is a chance for you keen artist to find out more and try something creative out. It will not be marked but we would love to see what you create and celebrate your investigation with you. A new challenge will be set each half term to inspire you beyond the lessons!

**Due: Week 5**

**This term:**

## Recycled Art!

Caroline South



Jane Perkins



Judith Selby Lang &  
Richard Lang



Tony Cragg



### Find Out

- Have a look at our Pinterest board full of art work made from recycled materials. Some are just arranged plastics which have been photographed and others have a glued together to make a collage.
- <https://pin.it/29Lw0Bf>

### Try out:

- We now challenge you to recreate a work of art with recycled object
- First collect materials at home so that you can made something from plastics.
- Think about how you will arrange these elements to create an image.

### Share

- Take a photo of what you have made and email this to your teacher or upload to teams!

## Subject: Computer Science

## Resources to support lessons

Machine-learning, artificial intelligence, boolean, CPU, RAM, open-source, closed-source, operating system, algorithm

### Key Vocabulary

### Websites and Resources to develop your understanding of

1. **Brown dogs and Barbers** by Karl Beacher
2. **When Computers Become Human: A Kid's Guide to the Future of Artificial Intelligence** by Kelly Lane

How computers work – Khan Academy

<https://www.khanacademy.org/computing/code-org/computers-and-the-internet>

Tom Scott AI -

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

CS Newbs – Hardware:

<https://www.csnewbs.com/ks3-themotherboard>

MKHBD AI Images -

<https://www.youtube.com/watch?v=0gNauGdOkro>

### KS3 books and online resources

Spring Term: April-May 2025

**Year 8 – Layers of computing systems**

## Subject: Design Technology Food Technology

## Resources to support lessons

1. Macronutrients
2. Micronutrients
3. Alternative proteins
4. Calories
5. Dietary requirements

### Key Vocabulary

### Websites and Resources to develop your understanding of

1. **The Hunger Games** by Suzanne Collins
2. **Close to famous** by Joan Bauer
3. **The Slice** by Greg Taylor

1. Which Type of Milk is Best for You?  
[https://www.ted.com/talks/jonathan\\_j\\_o\\_sullivan\\_and\\_grace\\_e\\_cunningham\\_which\\_type\\_of\\_milk\\_is\\_best\\_for\\_you](https://www.ted.com/talks/jonathan_j_o_sullivan_and_grace_e_cunningham_which_type_of_milk_is_best_for_you)
2. How the Food You Eat Affects Your Brain  
[https://www.ted.com/talks/mia\\_nacamulli\\_how\\_the\\_food\\_you\\_eat\\_affects\\_your\\_brain](https://www.ted.com/talks/mia_nacamulli_how_the_food_you_eat_affects_your_brain)

### KS3 Books to read

Summer Term– April-May 2025

**Year 8**



## Subject : Design and Technology Lamp Project

## Resources to support lessons

1. Linkages
2. Motion
3. Force
4. Mechanical devices
5. Sustainability

↖  
**Key Vocabulary**

### Websites and Resources to develop your understanding of

- **Stuff Matters** – Mark Miodownik
- **No More Plastic** – Martin Dorey
- **Why Materials Matter** – Seetal Solanki
- **Bauhaus** – Magdalena Droste
- **Finnish Design** – Pekka Korvenmaa
- **The Language of Things** - Deyan Sudjic
- **The Design Thinking Playbook** – Wiley

- **Oak Academy:**  
[https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf\\_n\\_oKWPWAYkGuJL3g](https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf_n_oKWPWAYkGuJL3g)
- **Design and Technology student:**  
<https://technologystudent.com/>
- **BBC Bitesize:**  
<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>
- **Design and Technology Info:**  
<http://www.design-technology.info/>
- **STEM:**  
<https://www.stem.org.uk/secondary/resources/collections/home-learning-support/d-and-t-resources>

### KS3 Books to read

Summer Term– April-May 2025  
Year 8

## Subject : Design and Technology

### Passive Speaker

## Resources to support lessons

1. Isometric Drawing
2. Product Analysis
3. Aesthetics
4. 2 Point Perspective
5. Planning

### Key Vocabulary

### Websites and Resources to develop your understanding of

- **Stuff Matters** – Mark Miodownik
- **No More Plastic** – Martin Dorey
- **Why Materials Matter** – Seetal Solanki
- **Bauhaus** – Magdalena Droste
- **Finnish Design** – Pekka Korvenmaa
- **The Language of Things** - Deyan Sudjic
- **The Design Thinking Playbook** – Wiley

- **Oak Academy:**  
[https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf\\_n\\_oKWPWAYkGuJL3g](https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf_n_oKWPWAYkGuJL3g)
- **Design and Technology student:**  
<https://technologystudent.com/>
- **BBC Bitesize:**  
<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>
- **Design and Technology Info:**  
<http://www.design-technology.info/>
- **STEM:**  
<https://www.stem.org.uk/secondary/resources/collections/home-learning-support/d-and-t-resources>

### KS3 Books to read

Summer Term– April-May 2025

Year 8

# Subject : Design and Technology Textiles

## Resources to support lessons

1. Sustainability
2. Block printing
3. Applique
4. Embellishment
5. Embroidery

### Key Vocabulary

### Websites and Resources to develop your understanding of

- **Stuff Matters** – Mark Miodownik
- **No More Plastic** – Martin Dorey
- **Why Materials Matter** – Seetal Solanki
- **Bauhaus** – Magdalena Droste
- **Finnish Design** – Pekka Korvenmaa
- **The Language of Things** - Deyan Sudjic
- **The Design Thinking Playbook** – Wiley

- **Oak Academy:**  
[https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf\\_n\\_oKWPWAykGuJL3g](https://teachers.thenational.academy/subjects/design-technology?fbclid=IwAR3J6XQzHL4mUbEg1PXSJFpsxrtgQ-FAgbrndWigf_n_oKWPWAykGuJL3g)
- **Design and Technology student:**  
<https://technologystudent.com/>
- **BBC Bitesize:**  
<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>
- **Design and Technology Info:**  
<http://www.design-technology.info/>
- **STEM:**  
<https://www.stem.org.uk/secondary/resources/collections/home-learning-support/d-and-t-resources>

### KS3 Books to read

Summer Term- April-May 2025

**Year 8 Textiles**



# Drama

# Resources to support lessons

KS3 Drama- Ages 11-14. A selection of videos:  
<https://www.bbc.co.uk/teach/topics/cedpxekg81yt>

## Drama Online

<https://www.dramaonlinelibrary.com/>

Recommend to watch:

Peter Pan (7+)

Treasure Island (9+)

Log in: 4Vcw5Crwx@ Password: 5Jx21Sd/e/

## Websites to support

Building on from lesson learning you can use these websites to support you.

## Websites and Resources to develop your understanding of

### 1. National Theatre- All About Theatre-

written by Marina McIntyre

Scripts:

- **William Golding's Lord of the Flies-** adapted for the stage by Nigel Williams
- **Bright Young Things-** By Georgia Christou
- **The Demon Headmaster-** Gillian Cross adapted by Adrian Flynn

### The National Theatre- Youtube.com

There are loads of great videos on the National Theatre website, but see below some specific clips on developing your physical and vocal skills as an actor.

*Developing vocal skills:*

<https://www.youtube.com/user/ntdiscovertheatre/search?query=voice>

*Developing physical skills:*

<https://www.youtube.com/user/ntdiscovertheatre/search?query=physical>

- Oak Academy, Topical Issues Through Drama, lesson 3 – A Topic and a place part 1.  
<https://classroom.thenational.academy/units/topical-issues-through-drama-ut6d7p4>

## KS3 Books to read

Year 8 Drama

April-May, 2025

- Please complete weekly reading as set in your Reading for Pleasure lessons.
- Also, complete your fortnightly Writing for Pleasure tasks as set by your teacher.

☐ Rhetoric  
☐ Persuasion  
☐ Propaganda  
☐ Manipulation  
☐ Omniscient  
☐ Cynical  
☐ Communism  
☐ Cyclical  
☐ Rebellion

**Recommended  
Reading**

- <https://www.bbc.co.uk/bitesize/topics/zqp86fr>
- <https://classroom.thenational.academy/search>

**Key Vocabulary**

Learn these using the suggested activities in your vocabulary books

Please see unit 3 on your Reading Journey

**Useful Research Sites**

## Subject: Geography

## Learning Cycle 2: Antarctica

PREP	Topic	Assignment	Completed?
Reflect	Antarctica	Describe the location and the environmental features of Antarctica	
Revise and Learn	Antarctica	Revise the key terms from the Antarctica knowledge organizer in preparation for a quiz in lesson	
Extend	Antarctica	Read the article and create a revision mind map all about Antarctica <a href="https://education.nationalgeographic.org/resource/antarctica/">https://education.nationalgeographic.org/resource/antarctica/</a>	

1. Adaptation
2. Polar
3. Hostile
4. Extreme Weather
5. Antarctica

### Recommended Reading

1. <https://education.nationalgeographic.org/resource/antarctica/>
2. <https://www.theguardian.com/artanddesign/gallery/2024/mar/25/changes-in-antarcticas-glaciers-and-ice-sheets-in-pictures>

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books

<https://www.bas.ac.uk/science/science-and-society/education/antarctic-factsheet-geographical-statistics/>

<https://www.secretatlas.com/explorers-club/antarctica/50-interesting-facts-2/>

<https://iaato.org/>

### Useful Research Sites

Spring Term  
Year 8



# Subject: History

## Learning Cycle 3: How did the interwar years have a lasting impact?

PREP	Topic	Assignment	Completed?
Practice	Trench Warfare	Complete the Microsoft Forms Quiz on The Roraring 20s	
Practice	Impact of WWI	Complete the Microsoft Forms Quiz on the League of Nations	
Extend	Meanwhile Elsewhere	Complete the Meanwhile Elsewhere task on May 4th Movement in China	

1. League of Nations
2. Speakeasy
3. Great Depression
4. Manchuria
5. Abyssinia

### Recommended Reading

1. Spanish Civil War and Nottinghamshire  
<https://www.worksopguardian.co.uk/news/worksop-spanish-civil-war-heroes-honoured-in-nottingham-2331521>
2. Failures of the League of Nations  
<https://www.thenational.academy/teachers/programmes/history-secondary-ks3-l/units/why-did-the-league-of-nations-fail-a797/lessons/failures-in-the-1930s-65hpcd#slide-deck>

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. BBC Bitesize Interwar Years  
<https://www.bbc.co.uk/bitesize/guides/zbq4t39/revision/1>
1. Great Depression - Seneca  
<https://senecalearning.com/en-GB/revision-notes/ks3/history/national-curriculum/16-1-2-the-great-depression>



### Useful Research Sites



Summer Term: April-May, 2025  
Year 8



# Subject: Maths

## Learning Cycle: 9, 10, 11 and 12

PREP	Topic	Assignment	Completed?
Practice Extending	Multiples, Factors and Primes	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Multiples, Factors and Primes Linear Equations	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Multiples, Factors and Primes Linear Equations	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Linear Equations Accuracy with perimeter, area and volume	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Linear Equations Accuracy with perimeter, area and volume	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Accuracy with perimeter, area and volume Ratio	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	

### Multiples, Factors and Primes

#### Tier 2

Decomposition, product

#### Tier 3

Multiple, factor, prime, Venn diagram, integer, index form, LCM, HCF

### Linear Equations

#### Tier 2

Linear, Function, rearranging, variable.

#### Tier 3

Coefficient, intercept, straight line graph, equation, gradient

Accuracy with perimeter, area and volume

#### Tier 2

Decimal place, equal, estimate, approximate, less than, greater than, area, surface area, volume, formula, cylinder

#### Tier 3

Significant figure, inequality, circumference, diameter, radius, Pi, perimeter, compound shape, prism

### Ratio

#### Tier 3

Fraction, ratio, share, quantity, parts, operation, total, divide, multiply, simplify, lowest terms, reduce, cancel

<https://corbettmaths.com/>

and Complete Maths

### Extend

Maths talks to blow your mind -

[https://www.ted.com/playlists/189/math\\_talks\\_to\\_blow\\_your\\_mind](https://www.ted.com/playlists/189/math_talks_to_blow_your_mind)

**UKMT Papers** - Ask your class teacher about these

Have a look at the website <https://parallel.org.uk/>

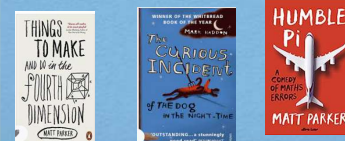
## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Things To Make And Do In The Fourth Dimension by Matt Parker

The Curious Incident Of The Dog In The Night-Time by Mark Haddon

Humble Pi by Matt Parker



## Recommended Reading

## Useful Research Sites

Summer Term– April - May 2025

Year 8

Famous Mathematician Research Project

Euclid



# Subject: Music

## Resources to support lessons

### Instruments of the Orchestra

- Orchestra
  - Strings
  - Brass
  - Woodwind
  - Pitched Percussion
  - Unpitched Percussion
  - Conductor
  - Texture
  - Timbre
- Advanced Rhythm
    - Regular Rhythm
    - Syncopation
    - Samba
    - Cross-Rhythm
    - Groove
    - Break
    - Backbeat
    - Bateria

### Key Vocabulary

### Websites and Resources to develop your understanding of

<https://www.bbc.co.uk/programmes/articles/4GrPtrzVNzpJ4vmrr4w5Y2j/li-sten-to-the-ten-pieces-music>

The BBC 10 pieces will introduce you to different styles of music that we will encounter in this term and beyond.

<https://www.youtube.com/watch?v=eFU9G3vBWbw>

Carnival in Brazil

<https://insidetheorchestra.org/2020/06/10/explore-the-instruments-of-the-orchestra/>

This website allows you to hear all the different instruments in the orchestra.

<https://www.musictheory.net>

This website is perfect for all your note lengths, rests, symbols.

### Recommended listening

Autumn Term: April-May 2025

Year 8

# MFL – French

## Learning Cycle: Healthy lifestyles/youth culture

PREP	Topic	Assignment	Completed?
Practice	Describing what clothes you wear.	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Narrating a past festival trip.	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Planning your future technology use	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	
Practice	Descriptions/Hobbies/Healthy lifestyles	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice.	
Practice	Descriptions/Hobbies/Healthy lifestyles	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice.	

Je porte – I wear

J'aime porter – I like to wear

Je suis allé – I went

J'ai porté – I wore

C'était – It was

Je vais utiliser – I'm going to use

Je vais faire – I'm going to do

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books

**Little People, Big Dreams, Louis Pasteur / Simone de Beauvoir**

**Passeport foot (various)**  
By Étienne Bonamy  
**Le Casque Mystérieux**  
by Pierre Delaisne

### Recommended Reading

[www.wordreference.com](http://www.wordreference.com)

[www.duolingo.com/](http://www.duolingo.com/)

[www.quizlet.com](http://www.quizlet.com)

[www.memrise.com](http://www.memrise.com)

### Useful Research Sites

Summer Term– April – May 2025

**Year 8**

# MFL – Spanish

## Learning Cycle: Healthy lifestyles/youth culture

PREP	Topic	Assignment	Completed?
Practice	Describing what clothes you wear.	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Narrating a past festival trip.	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Planning your future technology use	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	
Practice	Descriptions/Hobbies/Healthy lifestyles	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice.	
Practice	Descriptions/Hobbies/Healthy lifestyles	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice.	

Llevo – I wear  
 Me gusta llevar – I like to wear  
 Fui – I went  
 Llevé – I wore  
 Fue – It was  
 Voy a utilizar – I'm going to use  
 Voy a hacer – I'm going to do

### Recommended Reading

[www.wordreference.com](http://www.wordreference.com)  
[www.duolingo.com/](http://www.duolingo.com/)  
[www.quizlet.com](http://www.quizlet.com)  
[www.memrise.com](http://www.memrise.com)

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books

**Little People, Big Dreams, Frida Kahlo / Shakira**  
**Aventura en Yucatan**  
 by Jaime Corpas  
**Esperanza Rising**  
 by Pam Munoz Ryan  
**La Frontera**  
 by Alfredo Alva

### Useful Research Sites

Summer Term– April – May 2025

Year 8



## Subject: Music

## Resources to support lessons

### Hip-Hop

- Chord progression
- Root position
- Ground Bass
- Shakespeare
- FL Studio
- Rap
- Counter-melody

### Harmony

- Ukulele
- Chord
- Tuning
- Strings
- Chord Progression
- Strumming
- Pattern

### Key Vocabulary

### Websites and Resources to develop your understanding of

<https://www.youtube.com/watch?v=rEGOihjqO9w>

Rachmaninov's Piano Concerto No. 2

<https://www.youtube.com/watch?v=ort7ZLY-3zo>

Getting started with FL Studio

<https://insidetheorchestra.org/2020/06/10/explore-the-instruments-of-the-orchestra/>

This website allows you to heard all the different instruments in the orchestra.

<https://www.musictheory.net>

This website is perfect for all your note lengths, rests, symbols.

### Recommended listening

Summer Term: April – May 2025

Year 8

# Subject: Physical Education

## Resources to support lessons

### Cricket:

1. Bowling
2. Throwing
3. Catching
4. Batting

### Concept Curriculum:

- Mental Health and Benefits
- Accept Who You Are
- Ask for help
- Care for others

### Athletics

1. Sprint
2. Middle distance run
3. Long distance run
4. Throw
5. Jump

### Key Vocabulary

## Websites and Resources to develop your understanding of

### Cricket:

Ultimate Cricket Superstars

<https://www.amazon.co.uk/Ultimate-Cricket-Superstars-Tanya-Aldred/dp/1529502012>

### Athletics:

<https://www.royalnavy.mod.uk/navyfit/sports/associations/athletics>

<https://classroom.thenational.academy/units/athletic-activity-acquiring-techniques-f894>

### Cricket:

<https://www.thenational.academy/teachers/programmes/physical-education-secondary-ks3-l/units/games-activity-analysing-and-improving-performance-b426/lessons>

### Athletics:

<https://www.thenational.academy/teachers/programmes/physical-education-secondary-ks3-l/units/athletic-activity-developing-power-strength-and-speed-8d9a/lessons>

### KS3 books and online resources

HT5: Easter – May 2025

Year 8

# Religion, Philosophy & Ethics

## Resources to support Learning Cycle 3: Philosophical Thought

- Consequence
- Deontology
- Determinism
- Free Will
- Moral Dilemma
- Scepticism
- Utilitarianism

### Key Vocabulary

Learn these to support your learning in lessons

### Websites and Resources to develop your understanding

- Philosophy and Ethics (KS3 Knowing Religion) by Robert Orme
- Philosophy for Beginners, Usborne Publishing
- Big Ideas for Curious Minds by The School of Life

### The Philosophy Foundation

<https://www.philosophy-foundation.org/enquiries/age:39>

### BBC Bitesize: Moral, Ethics & Philosophy

<https://www.bbc.co.uk/bitesize/topics/zkdk382>

### BBC Bitesize: An Introduction to the Philosophy of Religion

<https://www.bbc.co.uk/bitesize/topics/zbbdnrd>

### KS3 Recommended reading

Spring Term: April – May 2025

**Year 8 Religion, Philosophy & Ethics**



# Subject: Science

## Learning Cycle 1, Motion and Pressure

PREP	Topic	Assignment	Completed?
Practice	Motion + Pressure	Research the average speed of different activities and objects.	
Practice	Motion + Pressure	Write a story about a real or imaginary journey and draw a distance-time graph for the journey.	
Pre-Learning	Motion + Pressure	Write a paragraph to explain using words and/or diagrams why a packet of crisps expands when you take it onto an aeroplane.	
Extending	Motion + Pressure	Write a paragraph to explain why a car will sink into the mud when driving across a muddy field but a tractor does not.	
Practice	Motion + Pressure	Review topic for an end of topic test	

- Speed
- Pressure
- Distance-time graph
- Motion
- Moment
- Pivot

### Recommended Reading

BBC bitesize:

<https://www.bbc.co.uk/bitesize/topics/z4brd2p/articles/zw9qwnb#zdk7isg>

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books.

1. <https://www.rocketlit.com/articles/article.php?id=726>
2. <https://www.roadandtrack.com/car-culture/a42951929/race-car-setup-psychology/>

### Useful Research Sites

Summer term : April-May 2025  
Year 8





# Subject: Science

## Learning Cycle 2, Ecosystems and adaptation

PREP	Topic	Assignment	Complete?
Practice	Ecosystems and adaptation	Construct a food web from a different environment. Choose a food chain from your food web to annotate, using key words from the lesson.	
Extending	Ecosystems and adaptation	Produce a poster explaining to farmers how the use of pesticides could lead to the unintended death of fish-eating birds such as herons.	
Extending	Ecosystems and adaptation	Produce a Venn diagram to compare similarities and differences between the factors plants and animals compete for.	
Practice	Ecosystems and adaptation	Revise for end of topic test.	

- Interdependence
- Bioaccumulation
- Biotic
- Abiotic
- Adaptation
- Ecosystem

### Recommended Reading

<https://www.bbc.co.uk/bitesize/topics/zxhhvcw>

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books.

1. <https://www.bbc.co.uk/news/science-environment-68897433>
2. <https://education.nationalgeographic.org/resource/adaptation-and-survival/>

### Useful Research Sites

Summer term : April-May 2025  
Year 8

