

Year 7 Home Learning Support Document

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

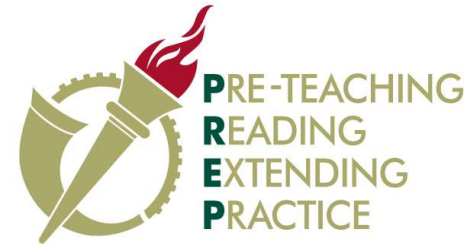
All PREP Learning tasks are essential to your learning in lessons and revolve around four principles:

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.

Half term 5- April-May, 2025

Year 7



Subject: Art

Endangered Marine Life

Resources to support lessons

Websites to support

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

<https://www.bbc.co.uk/bitesize/subjects/z8tnvcw> BBC Art KS3 Bitesize

<https://www.studentartguide.com/> Student Art Guide

<https://www.tate.org.uk/visit/tate-modern> Tate Art Website

Key Vocabulary

- Pattern
- Artist Research
- Symmetry
- Light
- Tone
- Shading

Assignment	PREP	Topic	Home learning	Completed?
1	Pre-Teaching	Persuasive Art – Week 4	Find out 3 interesting facts about each artist – Vincent J Scarpace <u>and</u> Kerby Rosanes. Present creatively in your book alongside your fish drawing.	
2	Extend	Art Challenge due in week 5	Art Challenge: Land Art (See next page, OPTIONAL)	



Half term 5- April-May, 2025

Year 7





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:

Land Art!



Find out:

- Look at our Pinterest board containing images of **Andy Goldsworthy's** art.
- <https://pin.it/2UU8BVV>

Try out:

- Go on your own walk and leave your mark on nature by arranging natural materials. Think about the shapes and colours you are using.

Share

- Take a photo of your land art to show us.
- Email this photo to your teacher!

Subject: Computer Science

Resources to support lessons

3G, 4G, 5G, bandwidth, bit, broadband, buffering, hub HTTP, Internet of Things (IoT), Internet Protocol, mainframe, megabit, gigabit, IP address, packet header, packet payload, Transmission Control Protocol, Voice over Internet Protocol (VoIP), WiFi

Key Vocabulary

Websites and Resources to develop your understanding of

1. **Brown dogs and Barbers** by Karl Beecher
2. **Hacker** – Malorie Blackman
3. **Chicken Clicking** – Jeanne Willis

Submarine cable map of the intercontinental connections
<https://www.submarinecablemap.com/>
Internet Speed Test
<https://www.speedtest.net/>
YouTube Videos
<https://www.youtube.com/watch?v=Dxcc6ycZ73M>
https://www.youtube.com/watch?v=ewrBaIT_eBM
<https://www.youtube.com/watch?v=ZTM9GA-4nBA>

KS3 books and online resources

Summer Term: April - May 2025

Year 7 – Networks: From semaphores to the internet

Drama

Resources to support lessons

KS3 Drama- Ages 11-14. A selection of videos:
<https://www.bbc.co.uk/teach/topics/ce/dpxekg81yt>

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:

The BFG by Roald Dahl- adapted for the stage by David Wood

How to Spot an Alien- by Georgia Christou

How to be a Kid- by Sarah McDonald-Hughes

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>

- Write a verbatim monologue. Oak Academy, Verbatim Lesson 2

<https://classroom.thenational.academy/units/a-devising-unit-a8ae>

KS3 Books to read

Year 7 Drama

2024- 2025

Subject : Design and Technology

Resources to support lessons

1.Orthographic
2.Isometric
3.Complimentary
4.Perspective
5.Geometric

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
- Why Shrink Wrap a Cucumber – Stephen Aldridge
- The Language of Things - Deyan Sudjic
- Change by Design – Tim Brown
- The Design Thinking Playbook – Wiley

- **Oak Academy:**
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

HFT5:April-May 2025

Year 7 Graphics



Subject : Design and Technology

Resources to support lessons

1. Design Context
2. Design Brief
3. Rendering
4. Oblique
5. Parallel
6. End User
7. Computer Aided Design (CAD)
8. Computer Aided Manufacture (CAM)
9. Vector
10. Bitmap

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
- Why Shrink Wrap a Cucumber – Stephen Aldridge
- The Language of Things - Deyan Sudjic
- Change by Design – Tim Brown
- The Design Thinking Playbook – Wiley

- **Oak Academy:**
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


HFT5: April-May 2025

Year 7 Design & Technology – Graphics (Travel Game)



Food Technology


Resources to support lessons

- 
1. Sensory descriptors
 2. Bridge hold
 3. Claw hold
 4. Bacteria
 5. Pathogens



Key Vocabulary

Websites and Resources to develop your understanding of

- 
1. **The Secret Cooking Club** by Laurel Remington
 2. **Fat Boy Swim** by Catherine Forde
 3. **The Cooking Club Detectives** by Ewa Jozefkiewicz
 4. **Charlie and The Chocolate Factory** by Roald Dahl


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1. Will the Ocean Ever Run Out of Fish?
https://www.ted.com/talks/ayana_elizabeth_johnson_and_jennifer_jacquet_will_the_ocean_ever_run_out_of_fish
 2. Great for new recipe ideas
www.bbc.co.uk/goodfood.com



KS3 Books to read

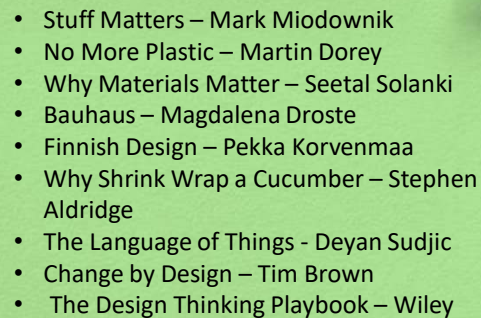
HFT5: April-May 2025

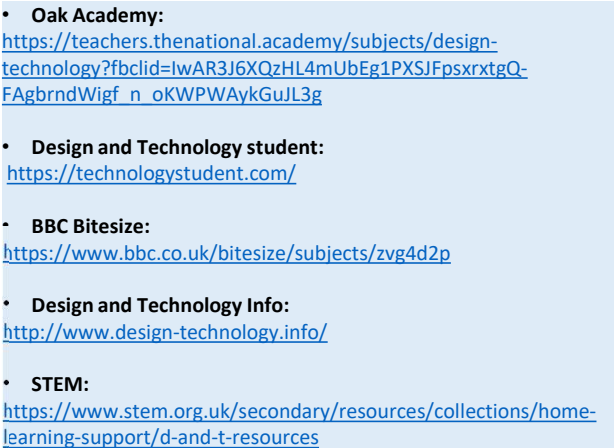
Year 7

- 
1. Aesthetics
 2. Automation
 3. Ergonomics
 4. Fabricate
 5. Functionality

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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
 - Why Shrink Wrap a Cucumber – Stephen Aldridge
 - The Language of Things - Deyan Sudjic
 - Change by Design – Tim Brown
 - The Design Thinking Playbook – Wiley

- 
- **Oak Academy:**
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>

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KS3 Books to read

Subject : Design and Technology

Resources to support lessons

1. Critique
2. Scales of production
3. Embellishment
4. Sewing allowance
5. Applique

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
- Why Shrink Wrap a Cucumber – Stephen Aldridge
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- Change by Design – Tim Brown
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- **Oak Academy:**
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

HFT5: April-May 2025

Year 7 Textiles



- 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.

Tier 2: influence, script, myth, severe, unrequited love, mock, chaos, resolve

Tier 3: groundlings, conflict, soliloquy, comedy, tragedy, climax, memoir, malicious

Recommended Reading

BBC Bitesize – KS3 A Midsummer Night's Dream:
<https://www.bbc.co.uk/bitesize/topics/zxgcwmn>

The Globe:
<https://www.shakespearesglobe.com/>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books



Michael Morpurgo's Tales from Shakespeare

Shakespeare (DK Eyewitness)

What's So Special About Shakespeare?
By Michael Rosen

Useful Research Sites



Subject: Geography

Learning Cycle 3 – Globalisation

PREP	Topic	Assignment	Completed?
Extend	Globalisation	Create a poster for a geography display all about global connections. You must pick 1 product that you use and use the poster to explain it's global connections	
Revise and Learn	Globalisation	Revise the key terms from the Globalization Knowledge Organizer in preparation for an in-class vocabulary assessment	
Pre-learning	Weather and climate	The next topic is Weather and Climate. Read the article and make some detailed notes in your book to prepare. https://climatekids.nasa.gov/weather-climate/	

1. Globalisation
2. Migration
3. Sweatshops
4. Weather and Climate

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

<https://climatekids.nasa.gov/weather-climate/>

<https://financesonline.com/hello-world-the-economics-of-iphone/>

Recommended Reading

1. <https://www.cbsnews.com/news/la-garment-factories-investigation/>
2. <https://www.funkidslive.com/learn/seans-ships-globalisation/#:~:text=Globalisation%20is%20the%20result%20of,operate%20under%20a%20brand%20licence.>

Useful Research Sites

Spring Term:
Year 7

Subject: History

Learning Cycle 1: How Glorious was Tudor England?

PREP	Topic	Assignment	Completed?
Practice	Impact of the Reformation	Complete Microsoft Forms Quiz	
Practice	Tudor Lifestyle	Complete the Microsoft forms quiz	

1. Reformation
2. Christian
3. Pope
4. Catholic
5. Protestant
6. Monastery

Recommended Reading

- Life in Tudor society
- <https://www.history.co.uk/articles/black-tudors-the-fascinating-lives-of-africans-living-in-tudor-england>
- /

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

- BBC Bitesize
- <https://www.bbc.co.uk/bitesize/topics/zwcsp4j/articles/zgkcr2p>
- <https://www.bbc.co.uk/bitesize/topics/zwcsp4j/articles/zb84cmn>

Useful Research Sites

Subject: Maths

Learning Cycle: 9, 10, 11 and 12

PREP	Topic	Assignment	Completed?
Practice Extending	Order of operations	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Order of operations Linear Equations	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Order of operations Linear Equations	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Linear Equations Properties of shape	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Linear Equations Properties of shape	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Linear Equations Properties of shape Ratio	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	

Order of operations

Tier 2 - inverse, square, cube, power, root, operation, product, sum, evaluate, equals, brackets

Tier 3 - Addition, Subtraction, Multiplication, Division, square root, cube root, indices, commutative

Linear Equations

Tier 2 - variables, identity, expression, equals, inverse, function, unknown, operations, power

Tier 3 - Algebra, arithmetic, equations, formula, indices

Properties of Shapes

Tier 2 - obtuse, kite, interior, compasses, segment, plane, solid, edge, face

Tier 3 - Triangle, Isosceles, right angle, equilateral, scalene, acute, square, rectangle, trapezium, parallelogram, quadrilateral, rhombus, parallel, circle, semi-circle, diameter, chord, arc, circumference, quadrant, radius, protractor

2D (2 Dimensional), cube, prism, sphere, vertex, (non)polyhedron, cylinder, pyramid, cone, cuboid, 3D (3 Dimensional)

Ratio

Tier 2 - Ratio, proportion, fraction, simplify, equivalent, quantity

Tier 3 - Multiplication, division, HCF

<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

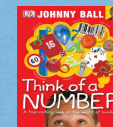
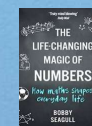
UKMT Papers - Ask your class teacher about these
Have a look at the website <https://parallel.org.uk/>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

The Life Changing Magic Of Numbers by Bobby Seagull

Think Of A Number by Johnny Ball



Recommended Reading

Useful Research Sites

Summer Term— April - May 2025

Year 7

Famous Mathematician Research Project

Leonhard Euler



Subject: Music

Resources to support lessons

Rhythm & Pulse

- Pulse
- Call & Response (echo)
- Call & Response (q&a)
- Dynamics
- Cyclic Patterns
- Polyrythm
- Structure
- Note lengths, symbols & names

Pitch & Notation

- Stave
- Treble Clef
- Bass Clef
- Pitch
- Mnemonics
- Octave
- Time Signature

Key Vocabulary

Websites and Resources to develop your understanding of music

<https://www.bbc.co.uk/programmes/articles/4GrPtrzVNzpJ4vmrr4w5Y2j/listen-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.musictheory.net>

This website is perfect for all your note lengths, rests, symbols as well as all the pitches you'll learn.

Recommended listening

HFT5: April-May, 2025

Year 7

MFL – French

Learning Cycle: School / Hobbies

PREP	Topic	Assignment	Completed?
Practice	Narrating your future plans with sport	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Narrating your future plans with sport	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Narrating what sport/activities you've done recently.	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	
Practice	Descriptions/ Education/ Hobbies	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice. https://quizlet.com/join/Mv7X4Mywz	
Practice	Descriptions/ Education/ Hobbies	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice. https://quizlet.com/join/Mv7X4Mywz	

Je joue – I play

Je fais – I do

C'est – it is

On peut – you can

Je vais jouer – I'm going to play

J'ai joué – I played

Recommended Reading

www.wordreference.com

www.duolingo.com/

www.quizlet.com

www.memrise.com

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Asterix (various)
by Uderzo + Goscinny
Little People, Big Dreams,
Marie Curie / Coco Chanel
Madeleine
By Ledwig Bemelmans
Operation Vide-Grenier
by Pierre Delaisne

Useful Research Sites

Summer Term– April – May 2025

Year 7



MFL – Spanish

Learning Cycle: School / Hobbies

PREP	Topic	Assignment	Completed?
Practice	Narrating your future plans with sport	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Narrating your future plans with sport	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Narrating what sport/activities you've done recently.	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	
Practice	Descriptions/ Education/ Hobbies	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice. https://quizlet.com/join/UfXvaWujP	
Practice	Descriptions/ Education/ Hobbies	As directed by your teacher. Revise your vocabulary from the topics. Use Quizlet to help you to practice. https://quizlet.com/join/UfXvaWujP	

Juego – I play

Hago – I do

Es – it is

Se puede – you can

Voy a jugar– I'm going to play

Jugué – I played

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Recommended Reading

www.wordreference.com

www.duolingo.com/

www.quizlet.com

www.memrise.com

Little People, Big Dreams, Pablo Picasso
Fiesta Sorpresa en Chinchon
by Jaime Corpas
Mafalda (various)
by Quino

Useful Research Sites

HFT5: April-May 2025

Year 7



Religion, Philosophy & Ethics

Resources to support Learning Cycle 3: Belief in God: Arguments for God

- Agnostic
- Atheist
- Creation
- God
- Miracle
- Proof
- Theist

Key Vocabulary

Learn these to support your learning in lessons

Websites and Resources to develop your understanding

- The Brick Testament: The world's largest illustrated Bible in Lego
<https://thebrickbible.com/legacy/>
- What is Humanism? How do you live without a god? And Other Big Questions for Kids
by Michael Rosen

The Existence of God: Creation Stories, BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zv2fgwx/revision/6>

The Existence of God: The First Cause Argument, BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zv2fgwx/revision/2>

The Existence of God: Religious Experiences, BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zv2fgwx/revision/4>

KS3 Recommended reading



HFT5: April – May 2025

Year 7 Religion, Philosophy & Ethics



Subject: Physical Education

Resources to support lessons

Rounders:

1. Batting
2. Throwing
3. Catching
4. Long barrier
5. Bowling

Athletics:

1. Pacing
2. Sprint start
3. Chin, knee, toe
4. Javelin grip

Key Vocabulary

Concept Curriculum:

1. Screen Time vs Activity Level
2. Physical Health and Benefits
3. Enjoyment and habits
4. Physical literacy

Websites and Resources to develop your understanding of

Rounders:

<https://www.shoeburyness.secat.co.uk/attachments/download.asp?file=1238&type=pdf>

Athletics:

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

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

Rounders:

<https://www.roundersengland.co.uk/content/uploads/2018/08/Simplified-Rules-2018.pdf>

Athletics:

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

KS3 books and online resources

HT5: Easter – May 2025

Year 7

Subject: Science

Learning Cycle 1, Elements, atoms and compounds

PREP	Topic	Assignment	Completed?
Practice	Elements, atoms and compounds	Complete an element fact sheet for your favourite element!	
Practice	Elements, atoms and compounds	Learn the definitions for element, atom, mixture and compound.	
Extending	Elements, atoms and compounds	Why does gold have carats? Fact-finding task	
Practice	Elements, atoms and compounds	Summary paragraph on what is the difference between an element and compound.	
Practice	Elements, atoms and compounds	Learn the rules for writing chemical formulae	

1. Atom
2. Compound
3. Molecule
4. State of matter
5. Chemical formula

Recommended Reading

1. BBC bitesize KS3 the particle model of matter.
<https://www.bbc.co.uk/bitesize/topics/z9r4jxs>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. An introduction to the particle theory of matter
<https://letstalkscience.ca/educational-resources/backgrounders/introduction-particle-theory-matter>
2. Elements, compounds and mixtures
<https://www.bbc.co.uk/bitesize/topics/zstp34j/articles/zngddp3>

Useful Research Sites



Summer term: April – May 2025
Year 7

Subject: Science

Learning Cycle 2, Reproduction

PREP	Topic	Assignment	Completed?
Practice	Reproduction	Produce a Venn diagram to compare the physical changes that take place in male and female bodies during adolescence.	
Practice	Reproduction	Key word glossary – definitions learn	
Practice	Reproduction	Produce a flow diagram showing the main steps in the menstruation cycle.	
Extending	Reproduction	Use a flow diagram to summarise the main steps in germination.	
Practice	Reproduction	Revise for end of topic test	

1. Fertilisation
2. Gametes
3. Germination
4. Implantation
5. Contraception

Recommended Reading

BBC bitesize KS3 reproduction

[Reproduction - KS3 Biology - BBC Bitesize](#)

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Lifecycle of a plant

[natgeokids.com/uk/discover/science/nature/the-life-cycle-of-flowering-plants/](https://www.natgeokids.com/uk/discover/science/nature/the-life-cycle-of-flowering-plants/)

Useful Research Sites

Summer term: April – May 2025
Year 7

