

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.

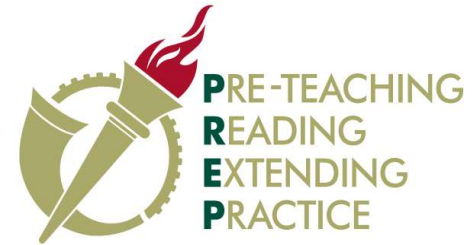
All PREP Learning tasks are essential to your learning in lessons and revolve around four principles:

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 6: June-July 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	Week 4 - Draw a marine animal in the style of Scarpace OR Rosanes. This can be in colour OR black & white.	
2	Extend	Art Challenge due in week 6	Art Challenge: Silhouettes in Art	

Half term 6 2025

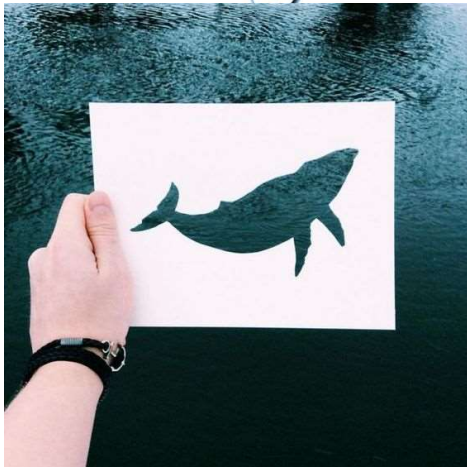
Year 7

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 6

This term: **Silhouettes in Art!**



Find out:

- Look at our Pinterest board containing images of **Nikolai Tolstyh's** art.
- Go to www.Pinterest.co.uk search for the user '**Arttoothill**' and the board Art Challenge

Try out:

- Choose an animal silhouette and draw it onto some white paper
- Cut this out but folding the paper for the first cut. Keep the outside not the inside.

Share

- Take this into nature and try it out in front of different backgrounds.
- Take a photo of your work to show us.
- Email this to your teacher.

Subject: Computer Science

Resources to support lessons

Condition, condition-controlled, count-controlled, decomposition, iteration, repeat until, subproblems, subroutine

Key Vocabulary

Websites and Resources to develop your understanding of

1. **Computational fairy Tales** by Jeremy Kubica
2. **A beginners guide to Coding** by Mark Scott
3. **Code.org projects**
<https://studio.code.org/projects/public>

Coder Prodigy – advanced Scratch
<https://coderprodigy.com/p/advanced-scratch>

Why programming is important - YouTube:
<https://www.youtube.com/watch?v=Dv7gLpW91DM>

KS3 books and online resources

Summer Term: June – July 2025

Year 7 – Programming essentials in scratch part 2



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

HFT6: June-July 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


HFT6: June- July 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


- 
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

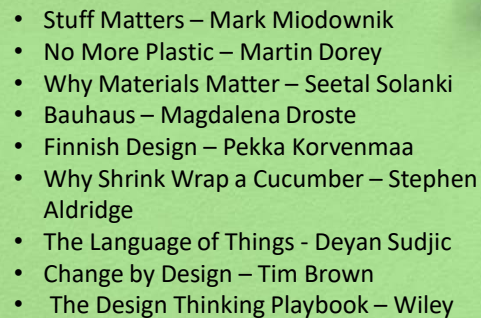
HFT6; June-July 2025

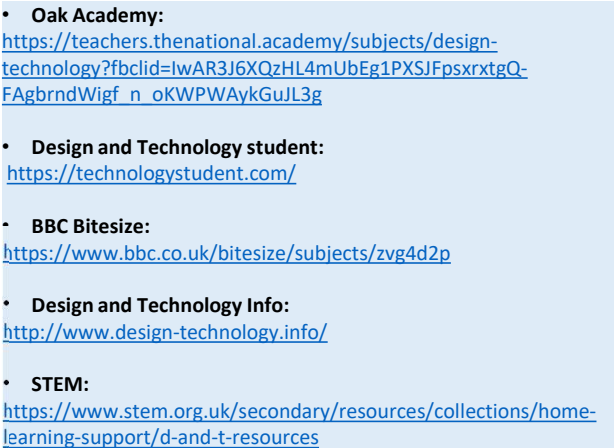
Year 7

- 
- 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
- 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

HFT6: June-July 2025

Year 7 Textiles



Subject: English *Evolving Language*

Learning Cycle: Half Term 6

PREP	Topic	Assignment	Completed?
Reading	Evolving Language	Reading task 1	
Reading	Evolving Language	Reading task 2	
Reading	Evolving Language	Reading task 3	
Practice	A Midsummer Night's Dream	Complete the writing task set by your teacher.	
Reading	A Midsummer Night's Dream	Reading task 4	
Practice	A Midsummer Night's Dream	Complete the writing task set by your teacher.	

June-July 2025 Year 7

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

Tier 3: groundlings, conflict, soliloquy, comedy, tragedy

Recommended Reading

<https://www.bbc.co.uk/bitesize/topics/z4hrt39>

BBC Bitesize English KS3

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

<https://toothillschool.co.uk/data/documents/11/English.pdf>

Follow the above link for recommended links relevant to Evolving Language!

Useful Research Sites

Subject: Geography

Learning Cycle 4 –Weather and Climate

PREP	Topic	Assignment	Completed ?
REVISE	Weather and Climate	Revise the weather and climate key terms from your Knowledge Organiser	
PRE-READ	Weather and Climate	Read the attached article and create a summary page in your book about it: https://news.sky.com/story/families-forced-to-evacuate-panama-island-due-to-rising-sea-levels-13146859	
Prep	Weather and Climate	Revise the case study detail about Hurricane Harvey from your knowledge organiser	

1. Climate
2. Greenhouse Gases
3. Carbon dioxide
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

Summer Term: May - July 2025
Year 7



Subject: History

Learning Cycle 1: How Glorious was Tudor England?

PREP	Topic	Assignment	Completed?
Practice	Significance of Tudor England	Complete Microsoft Forms Quiz	
Practice	Gloriana	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: 11, 12, 13 and 14

PREP	Topic	Assignment	Completed?
Practice Extending	Properties of shapes Ratio	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Properties of shapes Ratio	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Ratio Graphs of linear functions	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Ratio Graphs of linear functions	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Graphs of linear functions	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Graphs of linear functions Congruent and similar shapes	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Congruent and similar shapes	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	

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

Graphs of linear functions

Tier 2 Axis, coordinate, point, plot, gradient, positive, negative

Tier 3 Cartesian, equation, parallel

Congruent and Similar shapes

Tier 2 Similar

Tier 3 Congruent, Enlargement, Scale factor

<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

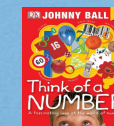
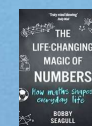
UKMT Papers - Ask your class teacher about these
Have a look at the website <https://parallel.org.uk/>

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– June - July 2025

Year 7

Curriculum link with Biology

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

MFL – French

Learning Cycle: Regions

PREP	Topic	Assignment	Completed?
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	
Practice	Describing where you live	Complete week 1 in booklet and revise 1A vocabulary on knowledge organiser.	
Practice	Describing facilities	Complete week 2 in booklet and revise 2A vocabulary on knowledge organiser.	
Practice	Describing where you live	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Describing recent activities in town	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	

J'habite – I live

Il y a – there is

Il n'y a pas de – there isn't

On peut – you can

Je suis allé – I went

Je voudrais habiter – I'd like to live

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 Vite-Grenier

by Pierre Delaisne

Recommended Reading

www.wordreference.com

www.duolingo.com/

www.quizlet.com

www.memrise.com

Useful Research Sites

Summer Term– June – July 2025

Year 7



MFL – Spanish

Learning Cycle: Regions

PREP	Topic	Assignment	Completed?
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/UfXvaWujiP	
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/UfXvaWujjP	
Practice	Describing where you live	Complete week 1 in booklet and revise 1A vocabulary on knowledge organiser.	
Practice	Describing facilities	Complete week 2 in booklet and revise 2A vocabulary on knowledge organiser.	
Practice	Describing where you live	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Describing recent activities in town	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	

Vivo en – I live in

Hay – there is

No hay – there isn't

Se puede – you can

Fui – I went

Me gustaría vivir – I'd like to live

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

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

Recommended Reading

www.wordreference.com

www.duolingo.com/

www.quizlet.com

www.memrise.com

Useful Research Sites

Summer Term– June – July 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



HFT6: June-July 2025

Year 7 Religion, Philosophy & Ethics



Subject: Physical Education

Resources to support lessons

Voll

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

Concept Curriculum:

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

Athletics:

1. Take off
2. Flight
3. Trajectory
4. Transfer of weight

Key Vocabulary

Websites and Resources to develop your understanding of

Ultimate Frisbee:

<https://www.bbc.co.uk/sport/articles/czvjpwwgz28o>

Athletics:

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

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

Cricket Rules

<https://www.youtube.com/watch?v=AqtpNkMvj5Y>

Ultimate Frisbee:

<https://www.ukultimate.com/play>

<https://www.ukultimate.com/rules-of-ultimate>

Athletics:

<https://www.bbc.co.uk/sport/athletics>

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

KS3 books and online resources

Subject: Science

Learning Cycle: 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: June-July 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

