

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.

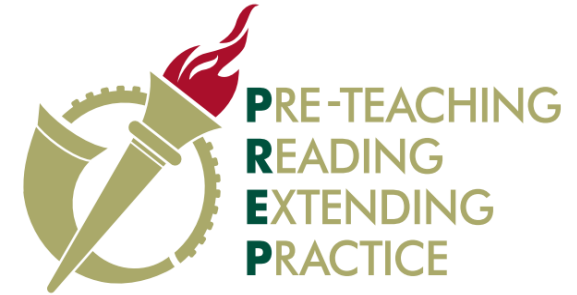
All PREP Learning tasks are essential to your learning in lessons and revolve around four principles:

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 or attend Home Learning Club after school.

September- October 2023

Subject: Art

Resources to support lessons

Websites to support

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

<https://sarahgraham.info/>
<https://www.bbc.co.uk/bitesize/topics/z9kmhyc>

Key Vocabulary

Formal Elements of Art:

- Line
- Tone
- Mark Making
- Shape
- Colour
- Texture

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!

This term:

Sweet City!



Find out

- Lots of different artists and designers have designed buildings from sweets, think about stories like 'James and the Giant Peach' and 'Hansel and Gretel'.
- Go to [www.Pinterest.co.uk](https://www.pinterest.co.uk) search for the user '[Arttoothill](#)' and the board Art Challenge

Try out

- Designs your own sweet city, this can be in any material you like but make sure we can tell what sweet treats you have used.
- Take a photo so we can see what you have done!

Autumn Term– September- October 2023

Year 7

- catfishing
- computing
- cyberbullying
- email
- network,
- recipient
- online
- password
- presentation software
- slide deck


Key Vocabulary

Websites and Resources to develop your understanding of

1. **Cyber sprinters game** by National cyber security centre
2. **Staying safe online** – Usborne life skills
3. **Maintaining a positive digital footprint** by Jeff McHugh

1. How to create a secure password
<https://www.ncsc.gov.uk/collection/top-tips-for-staying-secure-online/three-random-words>
2. How to create a good PowerPoint presentation
<https://www.youtube.com/watch?v=grJ0FbpfvOw>
3. NSPCC Helping children deal with cyberbullying <https://www.nspcc.org.uk/what-is-child-abuse/types-of-abuse/bullying-and-cyberbullying/>

KS3 books and online resources

- 
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 Jozefkowicz

- 
1. Will the Ocean Ever Run Out of Fish?
https://www.ted.com/talks/ayan_a_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

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
- **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
- **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

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
- **The Language of Things** - Deyan Sudjic
- **The Design Thinking Playbook** – Wiley

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<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>
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<https://www.stem.org.uk/secondary/resources/collections/home-learning-support/d-and-t-resources>


KS3 Books to read

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




Key Vocabulary

Websites and Resources to develop your understanding of

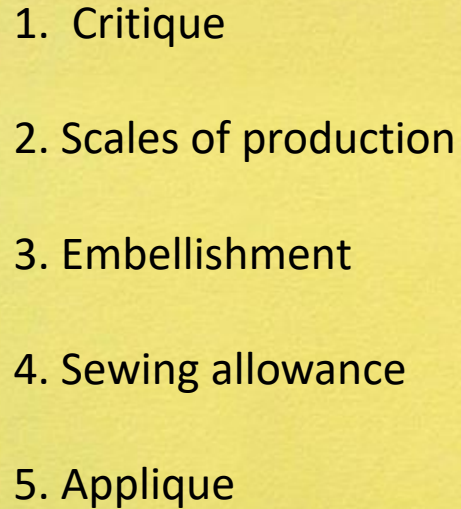


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 - **Bauhaus** – Magdalena Droste
 - **Finnish Design** – Pekka Korvenmaa
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 - **Design and Technology student:**
<https://technologystudent.com/>
 - **BBC Bitesize:**
<https://www.bbc.co.uk/bitesize/subjects/zvg4d2p>
 - **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

- 
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
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KS3 Books to read

PREP	Topic	Assignment	Completed?
Pre-teaching and reading	Oliver Twist	Task A: Research the Victorian period and Charles Dickens. Task B: Vocabulary	
Practice	Oliver Twist	Task A: Write an answer to the following question: In what ways might you consider Oliver a vulnerable character? Task B: Vocabulary	
Practice	Oliver Twist	Task A: Create a character profile for one character from Oliver Twist. You must include key quotations from the novel. Task B: Vocabulary	
Practice	Oliver Twist	Task A: Using your knowledge of the novel, imagine you are Nancy. Write a diary entry in first person describing how Nancy feels at this point. Task B: Vocabulary	
Practice	Oliver Twist	Task A: Choose a quotation from the novel. Annotate it with what it means, suggest, key words and effect on the reader. Task B: Vocabulary	
Extending	Oliver Twist	Task A: Create a wanted poster for the character of Bill Sikes. This must include key quotations and demonstrate your understanding of the character.	
Extending	Oliver Twist	Task A: Write as Dickens. Imagine you are Charles Dickens – explain why you wrote Oliver Twist. Task B: Vocabulary	

Tier 2: poverty, vulnerable, orphan, novel, corrupt, villain, naïve, vicious, victim, manipulate, brutal

Tier 3: plot, dialect, comeuppance, climax, memoir, malicious

Recommended Reading

BBC Bitesize – The Victorians:
<https://www.bbc.co.uk/bitesize/topics/zq9ysk7/articles/zhj9cmn>

The British Library:
<https://www.bl.uk/people/charles-dickens>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

- *David Copperfield* by Charles Dickens
- *The Secret Garden* by Frances Hodgson Burnett
- *Alice in Wonderland* by Lewis Carroll
- *Goodnight Mr Tom* by Michelle Magorian
- *Swallows and Amazons* by Arthur Ransome

Useful Research Sites

PREP	Topic	Assignment	Completed?
Pre-teaching and reading	Oliver Twist	Task B: Read and summarise sheet on Victorian England. Highlight and look up any words that are not known.	
Practice	Oliver Twist	Task B: Create a Frayer model for the word 'vulnerable'.	
Extending and practice	Oliver Twist	Task B: Look up and define the words 'poverty', 'orphan', 'victim' and 'inequality'. Use them in a paragraph to sum up Oliver.	
Practice	Oliver Twist	Task B: Nancy – feelings. Create a Frayer model for the word 'pathos'. Add a paragraph to your Frayer model saying how Dickens uses the character of Nancy to create pathos.	
Practice	Oliver Twist	Task B Choose a quotation from the novel. Underline the key words and define them. Can you explain what it reveals about the character?	
Extending and practice	Oliver Twist	Task B: Look up and define the words 'brutal', 'vicious', and 'malicious'. Use them in a paragraph to sum up Bill Sikes.	
Extending	Oliver Twist	Task B: Create a fact file about Charles Dickens. Be sure to include what might have made him write about the themes of 'poverty' and 'crime'.	

Tier 2: poverty, vulnerable, orphan, novel, corrupt, villain, naïve, vicious, victim, manipulate, brutal

Tier 3: plot, dialect, comeuppance, climax, memoir, malicious

Recommended Reading

BBC Bitesize – The Victorians:
<https://www.bbc.co.uk/bitesize/topics/zq9ysk7/articles/zhj9cmn>

The British Library:
<https://www.bl.uk/people/charles-dickens>

Key Vocabulary

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- *Alice in Wonderland* by Lewis Carroll
- *Goodnight Mr Tom* by Michelle Magorian
- *Swallows and Amazons* by Arthur Ransome

Useful Research Sites

PREP	Topic	Assignment	Completed?
Practice	Introducing myself	Complete week 1 in booklet and revise 1A vocabulary on knowledge organiser.	
Practice	Describing my appearance	Complete week 2 in booklet and revise 2A vocabulary on knowledge organiser.	
Practice	Describing my personality	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Describing my likes and dislikes	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Describing myself	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	

My name is – **je m'appelle**

I am – **je suis**

I have – **j'ai**

I like – **j'aime**

I don't like – **je n'aime pas**

Because it is – **car c'est**

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

Recommended Reading

www.wordreference.com

www.duolingo.com/

www.quizlet.com

www.memrise.com

Useful Research Sites

Autumn Term– September- October 2023

Year 7

Subject: Geography

Learning Cycle 1: Challenges and Opportunities

PREP	Topic	Assignment	Completed?
Practice	HICs, LICs and NEEs	Research the Human and Physical characteristics of Russia.	
Practice	HICs, LICs and NEEs	Research the Human and Physical characteristics of China	
Practice	Plastic pollution	Design a poster to highlight the impacts of plastic pollution in our oceans	

1. Challenge
2. Opportunity
3. Water stress
4. Air pollution
5. Waste

Recommended Reading

1. Russia: <https://kids.nationalgeographic.com/geography/countries/article/russia>
2. China: <https://kids.nationalgeographic.com/geography/countries/article/china>
3. Plastic pollution: <https://www.bbc.co.uk/newsround/42810179>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Taliban in Afghanistan: <https://www.bbc.co.uk/newsround/58221225>
2. Air pollution in India: <https://www.bbc.co.uk/newsround/59384981>
3. Pacific garbage patch: <https://www.bbc.co.uk/newsround/39921749>

Useful Research Sites

Autumn term: September – October 2023
Year 7

Subject: History

Learning Cycle 1: How far did the Normans bring a 'truckload of trouble' to England in 1066?

PREP	Topic	Assignment	Completed?
Practice	Leading up to the Battle of Hastings	Complete Microsoft forms quiz assigned by class teacher	
Practice	The Battle of Hastings and William's rule	Complete Microsoft forms quiz assigned by class teacher	
Extend	In the same time period elsewhere	Meanwhile Elsewhere Song Dynasty	

1. Successor
2. Heir
3. Witan
4. Feudal System
5. Motte and Bailey

Recommended Reading

1. The Norman Conquest BBC:
<https://www.bbc.co.uk/bitesize/topics/zshtyrd>
2. Norman Conquest overview:
<https://ks3historyhelp.weebly.com/>
3. Norman conquest VIDEO:
<https://www.youtube.com/watch?v=1sK4JX0co8I>

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Contenders to the throne:
<https://www.bbc.co.uk/bitesize/topics/zshtyrd/articles/zd4jdp3>
2. Battle of Hastings:
<https://www.bbc.co.uk/bitesize/topics/zshtyrd/articles/z9mw8hv>
3. William's rule:
https://www.youtube.com/watch?v=KGDU_v8sg

Useful Research Sites

Autumn term: September – October 2023
Year 7

Subject: Maths

Learning Cycle: 1,2 and 3

PREP	Topic	Assignment	Completed?
Practice Extending	Understanding place value	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Understanding place value	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Understanding place value Introducing Algebra	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Introducing Algebra	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Introducing Algebra	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Introducing Algebra Lines and Angles	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	
Practice Extending	Lines and Angles	'Complete Maths' weekly retrieval quiz to practice your fluency and extend your problem-solving skills	

Understanding place value

Tier 2

Digit, numeral, value, decimal, integer, fraction, exchange, inequality, unit

Tier 3

Base, ascending descending

Introducing Algebra

Tier 2

Expand, collect, term, variable, expression, function, like, product, power

Tier 3

Equation, inequality, algebra, identity, coefficient, indices, inverse

Lines and Angles

Tier 2

Angle, degree, vertically, intersection, convention, interior, exterior

Tier 3

Parallel, perpendicular, protractor, vertex, transversal

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

- **The Simpsons And Their Mathematical Secrets by Simon Singh**
- **The Life Changing Magic Of Numbers by Bobby Seagull**
- **Think Of A Number by Johnny Ball**



Recommended Reading

Useful Research Sites

<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/>

Autumn Term– September- October 2023

Year 7

Famous Mathematician Research Project

Eratosthenes



Rhythm & Pulse

- Pulse
- Call & Response (echo)
- Call & Response (q&a)
- Dynamics
- Cyclic Patterns
- Polyrrhythm
- 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

Subject: Physical Education

Resources to support lessons

Netball:

1. Offence
2. Defence
3. Creativity
4. Intercept

Concept:

1. Self-reflection
2. Power of positivity.
3. Confidence
4. Embracing failure/Work ethic

Gymnastic:

1. Travel
2. Balances
3. Aesthetically pleasing
4. Basic shapes

Key Vocabulary

Websites and Resources to develop your understanding of

Netball:

<https://www.amazon.co.uk/Netball-Sporty-Kids-Felice-Arena/dp/0143309080>

https://books.google.co.uk/books/about/Netball_Dreams.html?id=Kl48x9zzNQ4C&source=kp_cover&redir_esc=y

Gymnastic:

https://books.google.co.uk/books/about/Gold_Medal_Summer.html?id=Gm5avQwQvTYC&source=kp_cover&redir_esc=y

Netball:

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

<https://www.netballsl.com/partners/english-and-netball/>

Gymnastic:

<https://www.british-gymnastics.org/>

<https://www.teamgb.com/sport/gymnastics-artistic/6DEmTOCOFK7kUU4xmW44Tn>

Concept:

<https://www.youtube.com/watch?v=hgA0hIEQTgn>

<https://www.youtube.com/watch?v=JA7G7AV-LT8>

KS3 books and online resources

Autumn Term: September- October 2023

Year 7

- Belief
- God
- Monotheism
- Religion
- Scripture
- Trinity

Key Vocabulary

Learn these to
support your
learning in lessons

Websites and Resources to develop your understanding

Usborne Book of World Religions

Usborne Publishing Limited

DK Eyewitness Judaism

DK Eyewitness Christianity

DK Eyewitness Islam

All the above by DK Publishing
Ltd

Judaism: KS3 Religious Studies, BBC Bitesize

<https://www.bbc.co.uk/bitesize/topics/z4hg9j6>

Christianity: KS3 Religious Studies, BBC Bitesize

<https://www.bbc.co.uk/bitesize/topics/zc63cdm>

Islam: KS3 Religious Studies, BBC Bitesize

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

KS3 Recommended reading

Autumn Term: September- October 2023

Year 7 Religion, Philosophy & Ethics

Subject: Science

Learning Cycle 1, Cells

PREP	Topic	Assignment	Completed?
Practice	Cells	Knowledge organiser/Glossary	
Practice	Cells	Carousel learning	
Practice	Cells	Kerboodle quiz	
Pre-Learning	Cells	What is an amoeba? Fact-finding task	
Extending	Cells	Carousel learning	
Practice	Cells	Knowledge organiser/Glossary	

1. Cell
2. Magnification
3. Specialised cell
4. Diffusion
5. Unicellular

Recommended Reading

1. BBC bitesize KS3 living organisms
<https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/z4f26yc>
2. Kerboodle.com

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. What are cells?
<https://kids.britannica.com/kids/article/cell/352933>
2. Unicellular organisms
<https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/z4f26yc>

Useful Research Sites

Autumn term: September – October 2023
Year 7

Subject: Science

Learning Cycle 2, Particles

PREP	Topic	Assignment	Completed?
Practice	Particles	Knowledge organiser/Glossary	
Practice	Particles	Carousel learning	
Practice	Particles	Kerboodle quiz	
Extending	Particles	Who was Archimedes? Fact-finding task	
Practice	Particles	Carousel learning	
Practice	Particles	Knowledge organiser/Glossary	

1. Particle
2. Atom
3. Properties
4. Mixture
5. Density

Recommended Reading

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

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. Changing state
<https://www.bbc.co.uk/bitesize/topics/z9r4jxs/articles/zyhntrd>

Useful Research Sites

Autumn term: September – October 2023
Year 7

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Practice	Introducing myself	Complete week 1 in booklet and revise 1A vocabulary on knowledge organiser.	
Practice	Describing my appearance	Complete week 2 in booklet and revise 2A vocabulary on knowledge organiser.	
Practice	Describing my personality	Complete week 3 in booklet and revise 3A vocabulary on knowledge organiser.	
Practice	Describing my likes and dislikes	Complete week 4 in booklet and revise 4A vocabulary on knowledge organiser.	
Practice	Describing myself	Complete week 5 in booklet and revise 5A vocabulary on knowledge organiser.	

My name is – **me llamo**

I am – **soy**

I have – **tengo**

I like – **me gusta**

I don't like – **no me gusta**

Because it is – **porque es**

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

Autumn Term– September- October 2023

Year 7