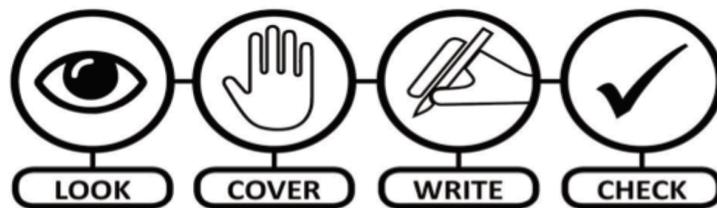




Year 7 Knowledge Organisers: Summer Book 2:

Name:	
Form:	



There is no learning without remembering.

— Socrates

Knowledge Organisers – Guidance for Parents

What are knowledge organisers?

A knowledge organiser is a set of key facts or information that pupils need to know and be able to recall in order to master a unit or topic. Typically an organiser fits onto one page of A4 this helps pupils to visualize the layout of the page which in turn helps them to memorise the information better.

Why are we moving to knowledge organisers?

Typically, most youngsters leave their revision until a few weeks (best case scenario) or days/hours (worst case scenario) before the examinations and tests. This presents a problem. Our short term memory is designed to be just that and has limited capacity. Pupils find themselves unable to retain the information, they become stressed and often give up, convincing themselves they are no good at revising or that they “can’t do subject ‘x’”.

The secret to success is to regularly revisit the knowledge to be learned (known as ‘spaced retrieval’). This helps transfer the knowledge from the short-term memory to the long term memory. This not only helps to make ‘learning stick’ but it also frees up our short-term memory for day to day learning and experiences.

How will a knowledge organiser help my child? Suggested activities for parents

Knowledge organisers will be made available at the start of each unit to help them remember what they’re learning and to help them to see the bigger learning journey in their subjects. Instead of forgetting previous learning, pupils continually revisit and retrieve prior learning from their memories.

Most homework set will be linked to all/some aspects of the organiser. This might be to learn keyword spellings or to write an extended response that uses some/all of the knowledge from the organiser. Here are some strategies that might help you to do this.

- Read through the organiser with your son/daughter – if you don’t understand the content then ask them to explain it to you – ‘teaching’ you helps them to reinforce their learning.
- Test them regularly on the spellings of key words until they are perfect. Make a note of the ones they get wrong – is there a pattern to the spelling of those words?
- Get them to make a glossary (list) of keywords with definitions or a list of formulae.
- Read sections out to them, missing out key words or phrases that they have to fill in. Miss out more and more until they are word perfect.

We would recommend that pupils spend thirty minutes per homework learning the knowledge detailed in the organiser. A video on using knowledge organisers can be found at the following link:

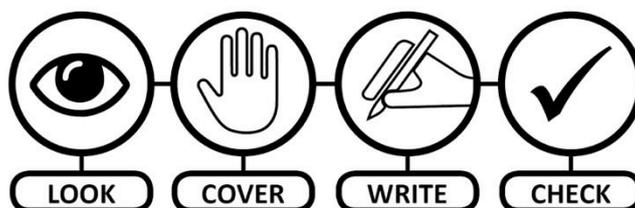
<https://youtu.be/IKPYnjzJOfU>

Knowledge Organisers – Guidance for Pupils

At the start of every 1/2 term, you will be given a knowledge organiser booklet, containing a KO for every subject. These will show you the exact facts, dates, events, characters, concepts and precise definitions that we need you to remember for that topic. Securing this knowledge base will allow you to develop your skills of understanding, analysis and evaluation in lessons more effectively.

You will also be supplied with a knowledge practice book, you will use this book to complete all your home works for all subjects.

How to use a knowledge organiser:



To do this, memorise a section of the organiser then cover up this part of their knowledge organiser, write it out from memory (in a black or blue pen), then self-check and correct any spelling mistakes, missing bits or mistakes (in a purple pen). This way, you will learn the most valuable knowledge in every subject by heart and free up space in their brain to develop your skills

We would recommend that pupils spend thirty minutes per homework learning the knowledge detailed in the organiser.

Your teacher will use low stakes testing to check your learning in your next lesson in the subject.

Home Learning timetable for year 7 and year 8

Day	Homework 1	Homework 2
Monday week 1	English	Art
Tuesday week 1	Maths	Music
Wednesday week 1	Science	Drama
Thursday week 1	RE	MFL
Friday week 1	History	
Monday week 2	Technology	English
Tuesday week 2	Maths	
Wednesday week 2	PE	Science
Thursday week 2	Computer Science	RE
Friday week 2	Geography	

Homework instructions

Monday 3rd June	English English (p13) Learn a different poem off by heart than last time. Use the look, cover, write method to learn a stanza at a time. Prepare a reading to perform to the class.	Art To be confirmed by your teacher
Tuesday 4th June	Maths Maths 1 (p5): Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	Music To be confirmed by your teacher
Wednesday 5th June	Science Ecosystems KO(p14) : Look, cover, write and check Section 1 Variation : Include labeled sketches of the graphs of continuous and discontinuous variation Section 2 Adaptation: include a annotated diagram showing the adaptations of an animal of your choice	Drama To be confirmed by your teacher
Thursday 6th June	RE RE (16) Learn the Holy book, place of worship and symbol of the world religions.	MFL MFL (p18) Practise and learn the points of the compass and the areas to live in. Look, Cover, Write, Check.
Friday 7th June	History History (p3) Look at Knowledge Organiser Section C: The Religious Rollercoaster of the 1500s. Use the Look, cover, write and, check method for the whole knowledge organiser. This includes all keywords and definitions (1-12), all key people and the information (13-18), and the timeline - dates and events (19-29).	
Monday 10th June	<p><u>Design and Technology - Polymers:(p20)</u> Use KO to recall and explain the importance of five workshop safety rules. Use KO to help you to revise and fully understand the difference between thermoplastics and thermosetting plastics. Use KO to name and accurately spell the names of three different thermoplastics. Use the KO to learn and help you to explain what Synthetic plastics and Bio Polymers are made from. Use your KO to enable you to help you to clearly explain the environmental impact of using synthetic plastics and to help you to recognise suitable environmentally friendly alternatives.</p> <p><u>Design and Technology - CAD & CAM: (p21)</u> Use KO to understand and explain the abbreviations CAD, CAM and CNC. Use KO to help you to clearly explain two advantages and two disadvantages of using CAD/CAM. Be able to provide one example of CAD software and one example of a CNC machine. Use KO to enable you to accurately identify 2D Design Drawing icons</p> <p><u>Design and Technology - Food:(p22)</u> Use you KO to enable you to clearly explain 5 food safety and hygiene rules. Use your KO to revise and accurately spell the 5 vital nutrient groups</p>	English English (p12): Create your own poem on the theme of war. You must use at least three techniques from the key terminology box.

Tuesday 11th June	Maths Maths 2(p6):Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	
Wednesday 12th June	PE Use the PE Knowledge Organiser (p24) on the Principles of Training to help you complete the homework that has been set on Doodle.	Science Ecosystems KO (14) : Look, cover, write and check Sections 3: Effects of the environment
Thursday 13th June	Computer Science CS (p17) Use Look, Cover, Write to go over the KEY VOCAB section of your knowledge organiser.	RE RE (p16)Learn the important person, festival and ritual of the world religions.
Friday 14th June	Geography Geography (p1): Use look, cover,write, check method to memorise Key Words and Human and Physical Features of China. Research more human and physical attractions that tourists can visit in China.	
Monday 17th June	English English (p12): Revise the context for ‘The Charge of the Light Brigade’ using look, cover, write. Write the context in your homework books in your own words.	Art To be confirmed by your teacher
Tuesday 18th June	Maths Maths 3 (p7): Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	Music To be confirmed by your teacher
Wednesday 19th June	Science Ecosystems KO (p14) : Look, cover, write and check Section 4 Effects of the environment Section 5 Transfers in the food chain	Drama To be confirmed by your teacher
Thursday 20th June	RE RE (p16): Find out and record five basic Hindu beliefs.	MFL MFL(p19): Learn the names of the places to live and the adjectives to describe them. Look, Cover, Write, Check.
Friday 21st June	History History (p4): Look at Knowledge Organiser Section D: The reign of Elizabeth I (1558-1603). Use the Look, cover, write and, check method for just the keywords on the knowledge organiser. (1-12).	
Monday 24th June	<u>Design and Technology – Polymers:(p20)</u> Use KO to recall, explain and accurately spell the four processes used to form thermoplastics. Use KO to be able to recall and explain the difference between cross filing and draw filing. Use KO to be able to recall and correctly spell the names of workshop tools and equipment. <u>Design and Technology - CAD & CAM:(p21)</u> Use KO to be able to explain the correct line colours for cutting and engraving when creating a design using 2D CAD software. Use KO to embed knowledge of Nets, Packaging and Boards. Use KO to learn and accurately spell the four scales of production used in manufacturing. <u>Design and Technology - Food:(p22)</u> Use KO to recall and accurately spell the two different cutting methods. Use KO to revise and explain the following terms: Ingredients, Savoury, Food Product, Health, Seasonality.	English English (p12): Write a diary entry of a soldier during the Crimean War. You will peer-assess this in class next lesson.

Tuesday 25th June	Maths Maths 4 (p8): Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	
Wednesday 26th June	PE Ensure you have completed the PE homework on the Principles of Training that has been set on Doodle.	Science Fluids KO (p15) : Look, cover, write and check Section 1 The particle model Section 2 Changing State
Thursday 27th June	Computer Science Computing (p17): Use Look, Cover, Write with the RECAPPING ALGORITHMS section of your knowledge organiser.	RE RE (p16): Explain the meaning of Aum for Hindus.
Friday 28th June	Geography Geography (p1): Use look, cover,write, check method to memorise information on Where people live in China, Push and Pull Factors of Migration, and Working Conditions in factories.	
Monday 1st July	English English (p13): Write a PEE paragraph on the war poem you have most enjoyed studying this term, explaining why and using context to help you.	Art To be confirmed by your teacher
Tuesday 2nd July	Maths Maths 5 (p9): Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	Music To be confirmed by your teacher
Wednesday 3rd July	Science Fluids KO(p15) : Look, cover, write and check Section 3 : Pressure in fluids	Drama To be confirmed by your teacher
Friday 5th July	History History (p4)Look at Knowledge Organiser Section D: The reign of Elizabeth I (1558-1603). Use the Look, cover, write and, check method for just the whole knowledge organiser. This includes all keywords and definitions (1-12) , all key people and the information (13-18) , and the whole timeline - dates and events (19-28) .	
Monday 8th June	<u>Design and Technology – Polymers (p20)</u> Use KO to revise all content in preparation for your final assessment. <u>Design and Technology - CAD & CAM: (p21)</u> Use KO to revise all content in preparation for your final assessment. <u>Design and Technology - Food: (p22)</u> Use KO to revise all content in preparation for your final assessment.	

Tuesday 9th June	Maths Maths 6 (p10):Read over key notes, memorising key words and definitions. Use Look, Cover write and check ready for low stakes testing	
Wednesday 10th June	PE PE (p23)Complete the self-assessment sheet on the sports you have performed this half term. This sheet has been shared with you on Google Classroom.	Science Fluids KO (p15) : Look, cover, write and check Section 4: Floating and sinking Section 5: Drag
Thursday 11th June	Computer Science Computing (p17): Use Look, Cover, Write to help you remember the KEY BLOCKS for your micro:bit.	RE RE (p16): Use look, cover,write to help you remember the Holy book, place of worship,symbol, important person and important festival in Hinduism
Friday 12th July	Geography Geography (p2): Use look, cover,write, check method to memorise information on Three Gorges Dam and One Child Policy.	