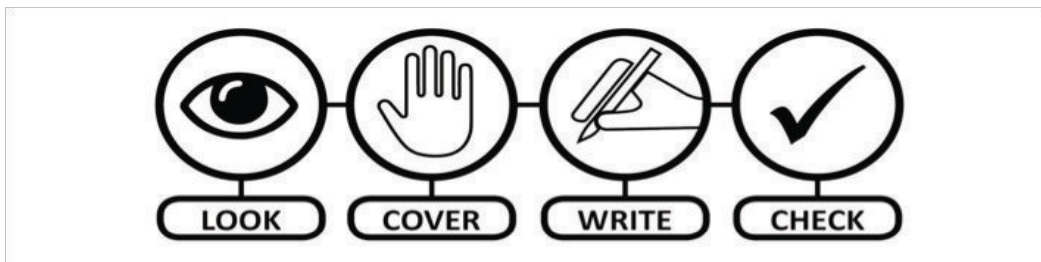




Year 7 Knowledge Organisers: 2nd Spring ½ term:

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.*

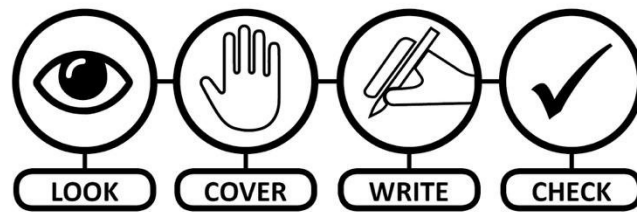
We would recommend that pupils spend thirty minutes per homework learning the knowledge detailed in the organiser. A video on using knowledge organisers can be found at the following link: <https://bit.ly/2MNb2H5>

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 25 th February	Technology To be confirmed by your teacher	English <u>Background – context (AO3)</u> Research Robert Louis Stevenson and the Victorian era. (Although AO3 is not explicitly tested in Year 7, it is necessary to have an understanding and is good practice)
Tuesday 26 th February	Maths Use KO-1(p7) in order to memorise key formulae of 2D shapes, FDP conversions and vocabulary in ready for low stakes testing this week. Including key times tables	
Wednesday 27 th February	PE Use the PE KO (p20) on 'Preventing and Treating Injury' to help you complete your homework that has been set on Doodle.	Science Food and Digestion KO(p13): Look, cover, write And check lessons: Section 1: Nutrition Section 2: uses of nutrition
Thursday 28 th February	Computer Science Using the first box in the knowledge grid Programming and Algorithms (p24) , use Look – Cover – Write - Check to learn the basics of computer programming.	RE Look, cover, write and check Learn the spellings and definition of the key vocabulary. (p15)
Friday 1 st March	Geography Create table showing countries in UK, Great Britain and British Isles using Look, Cover, Write, Check method. Identify human and physical attractions in all UK countries from table and using own research. (p1)	
Monday 5 th March	English <u>Reading, understanding and responding to a text (AO1)</u> Learn and apply the meaning of AO1. Read an extract (either from the novel or similar Victorian gothic text) and show your understanding of AO1 and key aspects by answering the questions and using quotations.	Art To be confirmed by your teacher
Tuesday 6 th March	Maths Use KO-2(p8) in order to memorise key formulae of 2D shapes, FDP conversions and vocabulary in ready for low stakes testing this week. Including key times tables.	Music To be confirmed by your teacher
Wednesday 7 th March	Science Food and Digestion KO (p13): Look, cover, write and check lessons: Section 3: Balanced Diet	Drama To be confirmed by your teacher
Thursday 8 th March	RE Look, cover, write and check Learn the spellings and definition of the key vocabulary. (p15)	MFL Learn the words and expressions. Look, cover, write, check. Practise writing the sentences. in section 1 (p16)
Friday 9 th March	History Use Section A of the Knowledge Organiser on 'the Norman Conquest'. (p3) Look, cover, write, check (and correct) all keywords (1-11) and the timeline (12-18).	
Monday 11 th March	Design & Technology <u>Design and Technology: (p17)</u> Use KO to recall and explain the importance of five or more workshop safety rules. Use KO to recall the difference between a thermosetting and thermo polymer and to be able to clearly explain the main ingredient of synthetic plastic.	English <u>Vocabulary</u> Learn the spellings and meaning of the vocabulary listed. There are 18 words/phrases to learn.

	<p>Use your KO to enable you to understand the environmental impact of synthetic plastics and recognise environmentally friendly alternatives.</p> <p>CAD & CAM (p18): Use KO to understand and explain the abbreviations CAD, CAM and CNC. Be able to identify one advantage and one disadvantage of each. Be able to provide one example of CAD software and one example of a CNC machine.</p> <p>Food:(p23) – Use you KO to enable you to clearly explain 5 or more food safety and hygiene rules. Use your KO to revise and remember the five sections of the eatwell guide and to be able to provide examples from each section.</p>	
Tuesday 12 th March	<p>Maths</p> <p>Use KO-3 (p9) in order to memorise key formulae of 3D shapes, FDP conversions and vocabulary in ready for low stakes testing this week. Including key times tables.</p> <p>Use KO-1(p7) in order to memorise key formulae of 3D shapes, conversions and vocabulary in ready for low stakes testing this week</p>	
Wednesday 13 th March	<p>PE</p> <p>Use the PE KO (p20) on 'Preventing and Treating Injury' to help you complete your homework that has been set on Doodle.</p>	<p>Science</p> <p>Food and Digestion KO(p13) : Look, cover, write and check lessons: Section 4: Digestion Section 5: Absorption</p>
Thursday 14 th March	<p>Computer Science</p> <p>Use the boxes at the bottom of the knowledge grid (p24): Sequencing – Variable – Iteration – Selection. Use Look – Cover – Write - Check to learn the difference between these programming constructs.</p>	<p>RE</p> <p>p15: Create flash cards of key words and definitions.</p>
Friday 15 th March	<p>Geography</p> <p>Use Look, Cover, Write, Check method for 4 key definitions in UK Settlements.(p1)</p> <p>Write out the list of UK cities in order from largest to smallest.</p> <p>Locate the cities on the map on your knowledge organiser..</p>	
Monday 18 th March	<p>English</p> <p><u>Analysing language (AO2)</u> Learn and apply the meaning of AO2. Read an extract (either from the novel or similar Victorian gothic text) and show your understanding of AO2 by answering the questions on the effect of language. Quotations must be used to support point/comments.</p>	<p>Art</p> <p>To be confirmed by your teacher</p>
Tuesday 19 th March	<p>Maths</p> <p>Use KO-4 (p10) in order to memorise angle facts, FDP conversions and vocabulary in ready for low stakes</p>	<p>Music</p> <p>To be confirmed by your teacher</p>
Wednesday 20 th March	<p>Science</p> <p>Periodic Table KO (p14): Look, cover, write and check lessons: Section 1: Dalton's atomic model Section 2: chemical properties</p>	<p>Drama</p> <p>To be confirmed by your teacher</p>

Thursday 21 st March	RE P15 Read the parable of the sheep and goats and make a set of revision notes.	MFL Section 2:(p16) Look, cover, write, check. Use the words you have learnt to help you to write the final sentences
Friday 22 nd March	History Use Section B of the Knowledge Organiser ‘Monarchs in the 12th and 13th centuries.(p4) Look, cover, write, check (and correct) all keywords (1-12). the timeline (13-21), and the key individuals (22-26	
Monday 25 th March	Design & Technology Design and Technology: (p17) Use KO to recall and explain various processes which can be used to form thermo polymers. Be able to recall and explain the difference between cross filing and draw filing. Use KO to correctly name and spell examples of thermoplastics. Be able to clearly explain two methods of finishing acrylic. Use KO to be able to recall and correctly spell the names of workshop tools and equipments. CAD & CAM:(p18) Use KO to correctly recognise 2D Design drawing icons and to be able to explain the correct techniques for cutting and engraving. Use KO to embed knowledge of Nets, Packaging and Boards. Food: (p23) - Use you KO to remember cutting methods. Use KO to revise and correctly spell the five nutrient groups.	English <u>Terminology (AO2)</u> Learn the spellings and meaning of the terminology listed. There are 18 types of terminology to learn.
Tuesday 26 th March	Maths Use KO-5 (p11) in order to memorise angle facts, geometrical conversions and vocabulary in ready for low stakes testing this week. Including key times tables.	
Wednesday 27 th March	PE Use the PE KO (p20) on 'Preventing and Treating Injury' to help you complete your homework that has been set on Doodle.	Science Periodic Table (p14): Look, cover, write and check lessons: Section 3: mendeleev’s table, you will need to be able annotate a periodic table to show the position of metals, nonmetals, transitional metals and group numbers
Thursday 28 th March	Computer Science Use the Keywords box and Look – Cover – Write - Check to understand the meaning of the programming keywords. (p24)	RE P15 Read the information about the charity L’Arche and make a set of revision notes.
Friday 28 th March	Geography Use Look, Cover, Write, Check for all Rivers and Coasts key terms.(p2) Create a series of flash cards with diagrams to explain the formation of headlands and bays, formation of coastal stacks and the causes of flooding.	
Monday 11 th March	English <u>Themes (AO2)</u> Having read sufficient amount of the novel, recognize which of the themes are being explored. Learn these themes and how the writer uses them. Give examples where they are being developed throughout the novel.	Art To be confirmed by your teacher

Tuesday 12 th March	Maths Use KO-6 (p12) in order to memorise types of triangles and their properties, geometrical conversions and vocabulary in ready for low stakes testing this week. Including key times tables.	Music To be confirmed by your teacher
Wednesday 13 th March	Science Periodic Table (p14): Look, cover, write and check lessons: Section 4: Physical trends Section 5: Chemical trends	Drama To be confirmed by your teacher
Thursday 14 th March	RE p15 Create a L'Arche information booklet.	MFL Section 3:(p16) Look, cover, write, check. Use the words you have learnt to help you to write the final sentences
Friday 15 th March	History Use Section A 'The Norman Conquest' and Section B 'Monarchs in the 12th and 13th centuries. (p3 & p4) Look, cover, write, check (and correct) the keywords and timelines from both knowledge organisers.	