Home Working – Year 7

Subject	We recommend starting here	Additional work (for some subjects)
Art	Year 7 Throughout your Art Visual Element project you have been learning how to observe objects and draw them. See below examples of what you have been learning and drawing:	If you finish your drawing and can take a picture, upload it to Microsoft Teams so we can all see your amazing artwork! ①
	Step 1 Step 2 Step 3 Paper manipulation Observational outline model drawing (5 shades)	
	Activity - Find an object that is part of your identity (hairbrush, games console, etc) and observe and draw. Follow the steps below when completing the task:	
	1. Complete the outline - Use a pencil to lightly draw the outline of your object	
	 Scale (think about the size of the object. Which part is the biggest) Proportion (look at the different parts of the object, do they look in scale to one another) 	
	2. Add Internal lines - Use your pencil to add any lines you can see inside your outlines	
	Proportion (make sure you put the lines in the right places and double check)	
	3. Add shading - Use your pencil to add tone to your drawing	

• Tone (add light, middle and dark shading inside you outlines) Gradient (make sure you blend your tones from light to dark by thinking about the pressure of your pencil on the paper) Computing Unit 4: Data representation Task 1 - Data representation https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1 Read through the Bitesize Lesson 1: Read through pages on the link to the left and pages and make notes. complete the tests. Any questions you get wrong write down the questions and the correct answers. Produce a resource for a primary school student showing how denary numbers are changed into binary. Lesson 2: Redo the test again and see what information you can remember. Challenge – Make this resource interactive. Create a poster that can be used as a revision tool on data representation. Task 2 – Write an algorithm for washing your hands. Unit 5: Components This can be in a flowchart or in pseudocode. Lesson 1: Input and Output devices Flowcharts help: https://www.bbc.co.uk/bitesize/guides/z3bq7ty/revision/3 Define what an input device is. Define what an output device is. Make a list of input devices. Pseudocode help: Make a list of output devices. Make a list of devices used by disabled users of a computer, https://www.bbc.co.uk/bitesize/guides/z3bq7ty/revision/2 next to them write down if it is an output or input device. Make a list of input and output devices which can be found in Task 3 – Turn the algorithm from task 2 into a python code. different places, e.g. Car speakers- Output device https://repl.it/languages/python3 Lesson 2: Storage devices Define the following: Storage device **Unit 5: Components** Secondary storage https://www.bbc.co.uk/bitesize/topics/zmpsgk7 Topics to look at-Define the 3 main types of technology used as storage: Magnetic Digital devices Optical Software

CPU

Solid state

Networks

Revise and complete Tests

Unit 6: Networks

https://www.bbc.co.uk/bitesize/guides/zc6rcdm/revision/2 https://www.bbc.co.uk/bitesize/guides/zvspfcw/revision/8

Topics to look at:

- What are networks?
- Hardware required for a network
- Network performance
- Network threats

Revise and complete Tests

Write examples for each one.

Write down characteristics of storage and definitions for them.

Lesson 3: Hardware and Software

Define Hardware.

Define Software.

Draw a mindmap and give examples of hardware.

Draw a mind map and give examples of software, examples to add:

- Operating systems
- Application systems- break down application software further into: entertainment, communication, productivity.

Lesson 4: CPU

Define what a CPU is.

Make a list of the parts of a CPU and define each part. Look at the fetch, decode and execute diagram draw this in your books.

Lesson 5: Inside a PC



https://www.youtube.com/watch?v=ExxFxD4OSZ0

Make a list of the parts found inside a computer from the image above, define each of them (what is their job inside the computer). Make notes using this link. Unit 6: Networks Lesson 1: Computer Networks Define what a computer network is. Make a list of advantages and disadvantages of netwroks. LAN v WAN Define LAN. Examples of LAN networks. Define WAN. Examples of WAN networks. Lesson 2: Network Hardware Make a list of hardware needed for a network and define each part (use the list below to help you.) • NIC (Network Interface Card) Router Switch • Hub Modem • WAP (Wireless Access Point) Cables Lesson 3: Topologies Define Topologies. Define Nodes. Draw a picture of the following network types. Define each of the following and make a list of advantages and disadvantages for each one. Bus Ring Star Mesh Lesson 4: Frequency and Channels Define the following terms:

		Frequency Channels Bandwidth Low Bandwidth High Bandwidth Latency Lesson 5: Network Security Define what security is. Define the following threats:
		Extension: make a list of all key terms for each unit we have looked at this year in Computer Science.
Dance	https://www.youtube.com/watch?v=SsGtNa3Oo3Y	https://www.youtube.com/watch?v=KUmKKPcf71Q
	Watch the YouTube link of key Bollywood action and create your own Bollywood dance that is 4 counts of 8.	Complete the Bollywood workout to the best of your ability.
		Design a poster for your favourite dance style that you have studied so far this year. This must include the origin of the

		dancers may wear and what type of music this style is performed to.
Drama	Learning how to design a set for a production.	Think about how the different settings are going to be shown and how the actors would use the stage space.
	We will be considering designing a set for the production of Shakespeare's "Romeo and Juliet".	Watch the video on creating stage models using this link. https://m.youtube.com/watch?v=jBMqnLb0SbA&list=PL48EDBCB4915D0ACA&index=4&t=0s
	As a recap of the play follow the overview using the link	A stage model is a miniature version of the set.
	here. https://www.bbc.co.uk/bitesize/guides/z3mtpv4/video	
	Now think about the different settings that the play has to consider. Here is a list to help you.	
	The Streets of Verona	
	The Capulet mansion	
	Juliet's Balcony/Juliet's bedroom	
	Friar Laurence's church	
	Research the different types of stage layout using information	
	from https://www.bbc.co.uk/bitesize/guides/z26bjxs/revision/1	
	The different types of stage are:	
	1- In-the-Round (audience in a circle)	
	2-Traverse (audience opposite each other)	
	3-Proscenium arch (just like the stage in the school hall)	
	4- Promenade (No see stage an open space with areas laid out for scenes)	
	Watch this video too on how to design a set for Romeo and	
	Juliet https://www.bbc.co.uk/bitesize/clips/zch34wx	
	Task-Using ideas from your research, design on paper or make using recycled materials your own stage design or stage model for the play.	
	You can show Mrs Wibberley your work by sending her a photo of your creation on Teams or by emailing a copy of your design if it is drawn.	

English

Choose one or more of these books:

New Boy by Tracy Chevalier
Vinegar Girl by Anne Taylor
Looking For Alaska by John Green
Uglies by Scott Westerfeld
Stone Cold by Robert Swindells
Northern Lights by Philip Pullman
The Hunger Games trilogy by Suzanne Collins
Pig Heart Boy by Malorie Blackman
Noughts and Crosses by Malorie Blackman
Oliver Twist by Charles Dickens
Alice in Wonderland by Lewis Carroll

- Complete the 'Writing Skills booklet' (all booklets are in the All Resources folder on the Working At Home page) alongside your choice of reading book. There will be tasks that look at different writing skills and you will be asked to find examples from your reading book. Some tasks ask you to look through your exercise book. If you do not have this then please refer to your reading book for these tasks too.
- 2. Complete the KS3 Reading and Writing Task booklet which focuses on our current topic of Real World Writing.
- 3. Complete the Year 7 Reading and Writing Task booklet. Use all the skills you have been using in lessons: annotating, selecting quotations, picking out key words to help you understand the extract.
- 4. Complete a range of different creative writing tasks there are 20 different pictures to use as part of your description. Try to create a story **around** the picture, rather than just a description of what you can see.
- 5. Read Skellig (Full text available in the All Resources folder on the school website) and complete the Skellig Workbook alongside each of the chapters.
- 6. KS3 independent Reading Project complete the tasks alongside a reading book of your choice. There are additional challenge tasks that can be completed if you complete all the task stated in the booklet.

If you need any help or would like your teacher to check your work – feel free to email them!

- 7. Complete the KS3 Creative Writing Pack which contains 44 creative writing activities. You may choose to complete all of the tasks or pick out the ones that interest you.
- 8. Complete all the tasks in the Oliver Twist Booklet tailored around article writing. This booklet can be used to with any book, if Oliver Twist is not available to you.
- 9. Complete the autobiography booklet. This is meant to be completed over a six-week period but feel free to complete the tasks sooner.
- 10. Complete the Speeches Booklet feel free to complete these tasks in any order depending on preference.
- 11. Complete the story writing booklet be as imaginative as possible to write what or however many stories you want!

If you need any help or would like your teacher to check your work – feel free to email them!

Netflix watchlist:

- Dickensian (adaptations of Dickens's writings)
- Anne with an E (adaptation of L.M. Montgomery's 'Anne of Green Gables' - Ms Collins's favourite book of all time!)
- Emma (adaptation of 'Emma' by Jane Austen)
- Pride and Prejudice (adaption of 'Pride and Prejudice' by Jane Austen)
- Arrietty (anime adaption of 'The Borrowers' by Mary Norton)
- The Hobbit (adaptation of 'The Hobbit' by J.R.R. Tolkien)
- The Perks of Being a Wallflower (adapted from the novel by Stephen Chbosky)
- Mary Shelley (a biopic of the author of 'Frankenstein')
- The Great Gatsby* (adapted from the novel by F. Scott Fitzgerald)

Other:

 Watch theatre productions online: https://www.whatsonstage.com/london- theatre/news/stage-shows-musicals-opera-free-stream-

		 online 51198.html (definitely check out the recent and ongoing production of The Wind in the Willows which has been made available for free online specifically because of social distancing!) Project Gutenberg offers free ebooks of classic literature https://www.gutenberg.org/browse/scores/top Free audiobooks available here http://www.openculture.com/freeaudiobooks Creative writing prompts available here http://www.pobble365.com/
Food	Health and Safety in food production: Watch the video and identify key safety points when undertaking food practical work https://www.bbc.co.uk/bitesize/clips/zxfqxnb How cola is produced: Watch the video and make detailed notes on the process involved in making cola https://www.bbc.co.uk/bitesize/clips/z8sjmp3 Video: Watch an episode of MasterChef and identify 3 foods they use that you are unfamiliar with. Use the internet or books to research what these foods are and their origins. Restaurant review: Use the following website as a guide to help you in writing a review of a restaurant you once visited. https://www.grammarly.com/blog/how-to-write-a-restaurant-review/	Watch: Food on the brain https://www.youtube.com/watch?v=f78L quecfM Netflix: Theatre of Life (2016) - This documentary follows chef Massimo Bottura as he opens a soup kitchen to cook gourmet meals for the needy from food waste at the 2015 Milan Expo.
French	Week 1+2 Students are to complete 1 unit of work per lesson missed – 3 Units per week. Log onto your Active Teach account here: https://www.pearsonactivelearn.com/app/Home All students will have received a username and password from your MFL teacher. If you experience any issues with logging in, please email your MFL teacher who should be able to reset your password for you. Week 3 + 4	Year 7 Learning pack French to complete (in All Resources folder on Working At Home website)

	T	
	Year 7 Module 1 Complete Year 7 Module 1 PUPIL VERSION PowerPoint to complete skills from this Module. Please use the date in French and the title Module 1 Revision in your exercise books.	
	Use Year 7 Module 1 TEACHER VERSION PowerPoint to self-assess your work or ask someone else in your house to peer-assess it on your behalf.	
	Use Quizlet to revise the vocabulary from this Module via Miss McGoldrick's Account: https://quizlet.com/MissMcGoldrick/folders/yr-7-dynamo-1-module-1?x=1xqt&i=1spamx	
	Complete Active Teach Module 1 Activities on Pearson Active Learn at www.pearsonactivelearn.com	
Geography	Task 1: Complete the Year 7 home learning booklet (All Resources folder) on locational knowledge.	BBC Race Across the World is a fantastic programme to show the diversity about the world we live in. It is on iPlayer or is shown on Sunday evening BBC2 at 8pm.
	Task 2: Use the Year 7 Africa and Deforestation and Desertification knowledge organisers to self-quiz the key topics on this document. Create revision flash cards for each section of the topic, using the knowledge organiser to help with this.	shown on banday evening special opini
	Task 3: Complete the Year 7 home learning booklet on geographical map skills.	
	Task 4: Test and develop your knowledge and play these online quizzes https://www.educationquizzes.com/ks3/geography/ Watch the following clips on BBC Bitesize for Weather and Climate and Development https://www.bbc.co.uk/bitesize/subjects/zrw76sg . Using this information, create an information booklet on Weather and Climate and Development.	
German	Revision of the topic of School (Schule)	Once you have finished all of these activities: Research a town in Germany, for example Köln, Berlin,
	 Week 1 + 2: 1. Read through the knowledge organise on 'school'. Self check against this knowledge organiser and complete the blank knowledge organiser. 	Stuttgart or Hamburg. Create a brochure on what you find in German.

- 2. Translate the model text for 'school' into English.
- 3. Answer the questions at the end of the model text in written form in your book.
 - 1. Wie ist deine Schule? What is your school like?
 - 2. Was ist dein Lieblingsfach? What is your favourite subject?
 - 3. Wie sind deine Lehrer? How are your teachers?
 - 4. Was gibt es in deiner Schule? What is there in your school?
 - 5. Was darf man in der Schule?/ Was darf man nicht? What are you allowed to do/ What are you not allowed to do?
 - 6. Was trägst du in der Schule? What do you wear to school?

Start the topic of In my Town (In meiner Stadt)

4. Work through the PowerPoint called Module 5 Lessons. Make neat notes of all vocabulary and work in your book. There are the first four lessons on here.

Week 3 (w/c 20.4.20) Year 7 (3 hours)

- 1. Go back over the numbers 1-100 and learn them off by heart.
 - a. Can you count to 100 without help? Use the Y7 Number Handout to help you with this. Chunk your learning (e.g. learn and check 1-10, then 11-19 and so on).
 - b. Complete the worksheet Y7 Number Worksheet.
- 2. Learn the vocabulary from Unit 1 (Kapitel 1) off by heart.
 - a. Revise and self-check against the full knowledge organiser.
 - b. Complete the knowledge organiser 'English Blank' first. Highlight ones you struggled with and self-check yourself against these.
 - c. Complete the knowledge organise 'German Blank'. Again, revise the ones that you find most difficult.
 - d. Go through this process until you have learned these off-by-heart.
- 3. Re-visit Kapitel 1 (Unit 1) Reading, Grammar and Translation

a. Complete the reading activities. Some of these you may have completed before – see if you can find out all of the answers. If you get stuck, use your book or your knowledge organise to help you. b. Complete the grammar and translation activities.

Week 4 (w/c 27.4) Year 7 (3 hours)

- 1. Complete Self-Checking on each part of the knowledge organiser for Kapitel 2 (Unit 2).
 - a. Learn all of the vocabulary off by heart. Complete Look, Say, Cover, Write and Check for each of the boxes on the Knowledge Organiser until you are getting 100% and can do it from both English to German and German to English.
- 2. Read the work on the model text (WAGOLL)
 - a. Read through the text once. Highlight any words that you don't know as you read.
 - b. Look up the words that you are unsure of in your book, on the knowledge organiser or on an online dictionary: https://en.langenscheidt.com/
 - c. Translate the Model Text (WAGOLL) into English.
 - d. Write your own version of the text personalised to you and your family (you can make it up if you would like).
- 3. Re-visit Kapitel 2 (Unit 2) Reading, Grammar and Translation
- a. Complete the reading activities. Some of these you may have completed before – see if you can find out all of the answers. If you get stuck, use your book or your knowledge organise to help you.
- b. Complete the grammar and translation activities.

Complete the home learning booklet (in the All Resources folder) on Medieval Monarchs

> Use the revision websites and quizzing guide to create knowledge organisers and self quizzing cards for the key topics on this document.

> Use the extended learning document to choose two topics not studied yet and create a presentation, poster, handout, leaflet or power point covering key information for the topic.

If this is completed then please choose additional topics to research from the extended learning document.

If age appropriate

Write a film review on any of the following historical representations.

Dunkirk. Netflix Boy in the Striped Pyjamas.

History

	*Using the new resources complete the work to consolidate your knowledge of the English Civil War. Create a timeline of the war from 1642-1649 and then identify and make notes on the key battles and the roles of a Cavalier and Roundhead.	The Horrible History Movie. Amazon Prime. War Horse. The Darkest Hour. Netflix. The Book Thief. List of Documentaries on BBC iPlayer. Suffragettes by Lucy Worsley Back in time for the corner shop. England's forgotten queens.
Maths	Prior to Easter Complete the checklist of topics using mathswatch which can be found on the website. One week project on designing your own lunar theme park which can be found on the website. After Easter Complete the checklist 2 of topics using mathswatch which can be found on the website. Complete project on designing your own bedroom found on website. One week project on planning a holiday to Inverness which can be found on the website. Complete the mathswatch tests on the topics prior to Easter. Ongoing Use mathswatch to review topics which have been covered this year, you may find it useful to use the curriculum map on the website to see what has been covered this year. New material and tests will be added onto the website and mathswatch each Wednesday after the Easter break by the maths department.	Use websites such as https://www.mathsgenie.co.uk/gcse.html to work through topics with GCSE style questions Complete challenge puzzles and UKMT maths challenge material found on the website.
Media Studies	 Camera techniques Complete the revision activities and, video and test on BBC Bitesize - https://www.bbc.co.uk/bitesize/guides/zg6ffrd/revision/1 Scene analysis Using what you have learned from the BBC bitesize website, answer the following questions about this scene from Matilda - https://www.youtube.com/watch?v=HXOEDeMPQN4 What camera techniques have been used in the scene? 	

	Why have these camera techniques been used and how do they make the scene more effective for the audience? https://www.youtube.com/watch?v=HXOEDeMPQN4	
PE	The Body Coach 5 minute workouts	Netflix watch List:
	Video 1 - https://www.youtube.com/watch?v=d3LPrhI0v-w Video 2 - https://www.youtube.com/watch?v=SbFqQarDM50	Moneyball; Coach Carter; The Blind Side; Stop at Nothing; The short game; Iverson;
	Video 3 - https://www.youtube.com/watch?v=pnKCGY9ZocA&spfreload=5	Shere game, recissing
	Video 4 - https://www.youtube.com/watch?v=fAUckPMJKSY	Prime Watch List:
	Video 5 - https://www.youtube.com/watch?v=rN0h6EZd6TM	The Unknown Runner; Eat. Race. Win; Running for Good;
	Watch 1 video and complete the workout each day.	Salute; All or Nothing; Take Us Home: Leeds United; Class of 92
	Year 7s to complete 3 sets, with 2 minutes rest in between, each activity each day.	
		Podcast List:
	Would You Rather Fitness Videos	The Real Science of Sport Podcast
	https://www.youtube.com/watch?v=Paidh0xw-y4	30 for 30
	https://www.youtube.com/watch?v=EQ5ESPJIX5Q&feature=youtu.be	
Religious	Using the knowledge organisers do self-quizzing of key topics.	Watch the clips and use the interactive pages on this link:
Studies	Test and develop your knowledge and play these online quizzes	https://www.bbc.co.uk/teach/ks3-religious-studies/z72qf4j
	https://www.educationquizzes.com/ks3/religious-education/	Then choose one of the clips or pages that you found
		interesting to do further research on. Write a magazine article
	Watch the clips on different religions	outlining what you researched and learnt about this aspect of
	https://www.bbc.co.uk/bitesize/subjects/zh3rkqt and access Britannica on the school website to research the major world religions. This is key information you need to	religious studies.
	know in RE. Then create a separate information leaflet for each of the 6 major world	
	religions – Christianity, Buddhism, Islam, Sikhism, Judaism, Hinduism.	New Task 26/3/20 - Complete the 'Spirited Arts/Poetry' task.
	, , , , , , , , , , , , , , , , , , , ,	This is a real competition run by NATRE. Complete the tasks
	New Task 26/3/20 - Complete all of the tasks and reading on the Religion and Science	first to give you some ideas, then go back on choose one of
	worksheet.	the 3 themes to base your art or poetry on - 'God's good
		Earth', 'Holy Words' or 'Where is God'. Once you have created
		your art or poem you need to write a detailed paragraph
		explaining what you have created. Use the sentence starters
		on the sheet to help you. Even if you don't enter your work
		for the competition this is a good task to complete. If you

		choose to enter your work follow the instructions on the sheet.
Science	Resources are available on https://drive.google.com/open?id=1Qo5WfuRyRl There is an instruction document with further instructions. Your main focus is content through use of knowledge organisers, self-quizzing and other resour	reviewing past content and looking at summer term
Textiles	Watch this video:	Try out new stitches.
	https://www.youtube.com/watch?v=WfLep31lcz0	There are helpful videos on YouTube as well.
	Create a sewing machine manual on how to thread a sewing machine. You can also use other videos on Youtube.	Chainstitch
	Create a safety poster for the textiles classroom.	Even Backstitch - decorative stitch
	If you have materials at home:	Cross Stitch -
	Attempt an applique sample!	decorative stitch PANTS Blanket Stitch decorative edgi
	https://www.youtube.com/watch?v=mFAFobPR3CQ	
	You can do this without bondaweb	Fagoting Stitch - decorative of Featherstitch
	If you have dyes at home:	stitch these?
	Attempt tie dye	
	https://www.youtube.com/watch?v=abjpy72Sf6U	
	Attempt the spellings:	
	Sewing	
	Thread	
	Environment	
	Stitch	
	Scissors	
	Machine	
	Measuring	
	Tacking Safety	
	Ironing	
	Needle	
	Pinking shears	
	Tailors chalk	

Printing Pinning Applique Molar Batik If you would like to attempt to make a drawstring bag, here are the instructions. You will need: A pillow case A JD bag Scrap materials for decoration Todays lesson - cutting out and starting casing Put newspaper onto pillowcase Pin 6 pins into newspaper and pillowcase (see Miss Smiths demo) Cut around your newspaper neatly Take out pins and remove newspaper Come to Miss Smith at the iron with 4 pins

