

Year 7 Work Spalding High School
Work for Phase 5 – 15th June to 26th June

Art:

The first hour of this set of work should be spent completing your final piece painting. When this is complete you will need to reflect on your work and evaluate it. This will be over two lessons. So basically you will have three lessons to fully complete your exam project.

The evaluation is to be done on a double page in your book and it will include marking your work using the assessment grid that you have in your books so you can give yourself an overall grade. Look carefully at the assessment objectives to mark your whole project as one. Then you can create a visual evaluation showing how well you have recorded your work, how well your experiments have refined your work, how well you have made connections with your chosen artists and what you have learnt from them and how successful your final piece is. I will email you some examples of effective visual evaluations to help you. When this is completed you should photograph the final piece and your evaluation pages and add them to your word document and wait instructions from your teacher. If you have any questions, please email your teacher. We look forward to seeing your work!

Computer Science:

The diary submission is due on the 12th June, please upload your work to the VLE. Any issues then send me an email. I know some have been in touch with a few issues and access problems, so the submission will be left open beyond the 12th, but please aim to submit as soon as is possible.

The next topic is some basic text programming with a text based language called Python.

On the VLE there is a PowerPoint presentation with an overview and tasks regarding Python. This will teach you how to draw basic shapes using the language. The whole idea is the same as the blocks you were using for the microbit but now you are writing the code yourself.

This website will allow you to test your code online: https://repl.it/languages/python_turtle

Additionally, if you have your own PC/MAC you can download python and run it on your home computer. The link to the direct, official download will be on the VLE. It is free and secure software.

Design Technology (Including Textiles):

Product in a tin competition (Part 4/4): there is a PowerPoint/pdf on the VLE (you had an email earlier in the year on how to access the VLE).

Handing in: we would like you to hand in two photographs:

1. A photograph of your favourite piece of design work by June 20th
2. And a photograph of your product in a tin by June 26th

Please email the photos to your teacher:

- Amanda.Schwarz@spaldinghigh.lincs.sch.uk
- Lee.Deary@spaldinghigh.lincs.sch.uk (is Mrs Hagon)
- Jason.Martindale@spaldinghigh.lincs.sch.uk

Please use your name and form when you are emailing.

English:

Seneca Learning - signup using the class code your teacher has emailed you and complete the learning and any assignments due. Seneca provides your teacher with both a class overview as well as individual student insights allowing them to email feedback. Please check your email regularly.

Shakespeare

Use your 'Introduction to Shakespeare booklets' - MACBETH. A PowerPoint lesson pack will also be emailed to you.

Watch this animated tale to help you understand the play as a whole:

https://www.youtube.com/watch?v=qfnUq2_0FOY

Read Act 1 Scene 1 from Macbeth

Answer the following questions and try to use references from the text to add detail to your answers:

1. How does the opening scene 'catch' the audience's attention?
2. What do you understand by the phrase 'fair is foul'?
3. Why is it important that the witches speak in rhyme?
4. How do references to the weather add atmosphere to this opening scene?

Read Act One Scene 3 from Macbeth

Answer the following:

1. What do the witches tell Macbeth and Banquo?
2. How do Macbeth and Banquo react to the prophecies from the witches?
3. Why does Macbeth refer to the witches as 'imperfect speakers'?
4. What kind of language does Banquo use to describe the witches? How effective is this description and why?

Creative writing – email to your teacher before 26.06.2020 for feedback: Imagine you are Macbeth or Banquo.

Write a postcard, to a friend, to describe the meeting with the witches.

Optional

Have a go at the BBC Bitesize daily lesson on the Supernatural:

<https://www.bbc.co.uk/bitesize/articles/z4htpg8>

Using the internet complete some research about the culture of 'witchcraft' during the time of Shakespeare and King James. Also, research the **setting and place** of the play Macbeth.

Accelerated Reader Awards – keep reading. Reading comprehensions available on VLE.

Food and Nutrition:

Please check your school email as work will be sent to you by Ms Busby.

French:

Module 3 Mes Passetemps : Unit 1 Mon Ordi et Mon Portable

Please check your emails.

You will be emailed one PowerPoint: Mon ordi et mon portable (pages 50, 51 in your book) and an accompanying vocabulary sheet which you should print off and stick in your neat book.

It contains an activity on memrise <https://www.memrise.com/group/384396/> and a verb game on conjugemos https://conjugemos.com/verb/frog_game/18

A piece of written work is included on the last slide of the power point which should be e-mailed to Mrs Clay by 26th June. Please ensure that this piece of work includes a title and a date as well as the KLO.

Optional

<https://quizlet.com/en-gb>

Using the search button: studio 1 Mon ordi et mon portable

Contact:

Mrs Clay: mary.clay@spaldinghigh.lincs.sch.uk

Geography:

All work for the next rotation can be found on the Geography area of the VLE. Please read the instructions carefully about how to complete the work set. Please check your email daily and contact Mrs Bennett or Miss Lee if anything is unclear.

German:

All of this work can be done with your text book, exercise book, rough book and a dictionary. You will be emailed answers to the exercises on **Wednesday 24 June** so that you can mark your work but be honest and don't look at these until you have completed the work!

1. From the vocab you wrote up in phase 4 or from p93 learn 'In der Schule' and also the 4 prepositions in the Grammatik box on p82. We would like you to **email your teacher by Friday 26 June evidence of how you learnt this vocabulary**. It could be a revision poster/worksheet/a picture of flashcards/a photo of a revision poster or a little card game or a screen shot of your score practising this section of vocab from Quizlet...

<https://quizlet.com/213461916/stimmt-1kapitel-4-in-der-schule-flash-cards/>

<https://quizlet.com/213462039/stimmt-1-kapitel-4-wo-ist-das-flash-cards/>

2. Read the Grammatik box p82 and read ex 3 out loud. You will see that prepositions change the word for 'the'. We will come back to this later as a whole class.
3. P83 ex 5 in rough.
4. Look in your grammar books for 'modal verbs'. We did a lot of work on the modal verb 'können'. Read the grammar notes on p91 on the modal verb 'dürfen' and then do ex 6 p91 in rough.
5. Then go back to the text in ex 5 p83 and spot all of the sentences which include the verb 'dürfen' and translate them into English in rough.
6. P84-85 reading skills Mein Lieblingstag – ex 1 read the texts and answer the questions in yellow book in full with a date and title in German.
7. Read the blue boxes p85, useful tips for understanding a reading passage. Then do ex 2a, ex 3a b, ex 4 in neat.
8. P86 ex 1 practise the 4 tongue twisters (Zungenbrecher – tongue breakers!) and then record yourself saying them as quickly and clearly as you can. See if you can get other members of your household to have a go!
9. P89 ex 3 in neat in full sentences.

We would expect this to take about 3 lessons. For consolidation of chapter 4 use the rest of your lesson time to work through p126 Extra ex 1,2,3 and p127 Extra ex 1,2,3 in rough.

History:

In this cycle, you are reviewing the content that you have learnt in Cycles 1-4. You should read through your work carefully before completing these two tasks. Any issues in completing this work or meeting this deadline should be reported to **the person named below** as soon as you can.

Firstly, you should go to the VLE and complete the Year 7 Review Quiz. Your teacher can see your scores, so take this seriously! The quiz will give you feedback, make sure you read it.

Secondly, load the Cycle 5 document from the VLE and complete the essay task, following the instructions carefully. Send this completed essay **to the person listed below, no later than 4pm on 25th June** (work sent in earlier than this is welcome!).

- 7C & 7J - Email to **MR HEMPSALL** robert.hempsall@spaldinghigh.lincs.sch.uk
- 7N - Email to **MRS WEBB** laura.webb@spaldinghigh.lincs.sch.uk
- 7P & 7S - Email to **MRS BENNETT** natalie.bennett@spaldinghigh.lincs.sch.uk

Maths:

Topic focus: Angles 2

We will be continuing and consolidating last phase's work on angles this fortnight. Check your school email account regularly for details of work set by your individual class teacher. Remember there are online lessons on MyMaths, and many videos on YouTube that can help. If you finish, use your notebook to look back at previous topics and consolidate these. Keep practising your numeracy – there are lots of games to practise times tables and key skills. You would normally have 8 maths lessons and 2 maths homeworks in a fortnight so make sure you are spending a suitable amount of time on your maths.

To use a protractor to measure an angle
To use a protractor to draw an angle
To know the properties of parallel and perpendicular lines
To calculate angles on a line
To calculate angles at a point
To identify vertically opposite equal angles
To calculate angles in parallel lines
To know that the angle sum in a triangle is 180°
To know that the angle sum in a quadrilateral is 360°
To know and use the properties of triangles
To know and use the properties of quadrilaterals
To use angles construction and measuring skills with confidence, fluency and accuracy

Music:

Firstly, make sure that the previous Bandlab projects have been completed and submitted online. There has been some outstanding Bandlab work so far! The next set of Music work is about 'Percussion and beats'. We are going to use the BBC Bitesize resources you can find here:

<https://www.bbc.co.uk/bitesize/topics/zvdqhyt/articles/z4msnrd>

I'd like you go to the link and read/listen to all the information on the website. Then I'd like you to have a go at playing your own 'junk' percussion. Try and find some household things you are allowed to use as percussion and then work out some rhythm patterns using those items. Record yourself playing your junk rhythms! Then you can import the recording into Bandlab so I can hear it.

You could even add this to your 'found sounds' from the previous project as well!

RS:

Please check your school email as work will be sent to you by your RS teacher. If for any reason this work should not arrive in your inbox, please email your teacher using your school email account.

If you need any further help or support with the work set, please contact your subject teacher.

Science:

Space Topic (taken from Y8 so you don't miss out any practical work ☺) – use your Smart Science textbook and/or BBC Bitesize website at www.bbc.co.uk/bitesize/topics/z8c9q6f to answer the following Q's fully:

1. p338 & 342. Are you sitting still? Watch www.youtube.com/watch?v=zxdOdjyVhCw. What do you think now – are you sitting still? Watch the clip again and record the values for the radius of the Earth's orbit around the Sun, the diameter of the Earth's orbit, the circumference of the Earth's orbit, the time it takes the Earth to complete its orbit in years, hours and seconds and the speed of the Earth's movement in metres per second i.e. m/s. Obviously we don't feel like we're moving, so how do we know we are?

Complete the lesson at www.bbc.co.uk/bitesize/articles/zn3r92p : read the notes, watch the videos, complete the quiz (and the cut and stick if possible). In your exercise books answer: Why do we have day and night? On what 2 dates of the year are the days and nights the same length? Why do we have seasons? Why are the number of daylight hours different in different countries in the Northern hemisphere in the same week in June?

Watch www.youtube.com/watch?v=xTvvQ65jWVs. What predictions could be made from this clip?

2. p337-340. Watch www.youtube.com/watch?v=evWeRHMwSu0. What is our Sun? What order are the planets in our Solar System? From any source, write a couple of sentences about each of the planets. Which are cooler? Which are bigger? Which have more moons? (If you want to learn more about our Moon, complete the lesson at www.bbc.co.uk/bitesize/articles/zrv3gwx) Apart from the Sun and planets, what other structures/objects are present in our Solar System? What is our Solar System part of?
3. p340 & 346-349. Complete the lesson at www.bbc.co.uk/bitesize/articles/zk7fy9q. Our ideas and scientific theories about our Solar System have developed/changed over time. Produce a timeline identifying important dates, key scientists/cultures, new technologies/inventions and milestone discoveries related to space since early times – you can go back as far as the Egyptians even!
4. p235 & 338. Find the mass in grams or kilograms of a few items at home using kitchen and/or bathroom scales. Use an online converter to find out their weights in Newtons. What is mass? What is weight? What is the relationship between mass and weight? Copy out and complete the formula for weight: weight = mass x _____. How would the results have been different if this investigation had been carried out on different planets? How does the mass of a planet affect the force of gravity felt on it?

Watch www.youtube.com/watch?v=OJlrAEvGkhh&list=PLupoLr9nAYyQPrsd9tBUaLjTD8ARIT418&index=29 from 1 minute in. Lots of recapping info about forces, which is very helpful, with the space related bit from 14 minutes in. What would life be like without gravity? Watch www.youtube.com/watch?v=o8TssbmY-GM to see what happens to water on the International Space Station.

5. p348. Go to www.bbc.co.uk/future/bespoke/20140304-how-big-is-space-interactive/ and drag the scroll bar down on the right side to make the space shuttle take off and fly into space. Look at how far 'you' are travelling and what you 'see' at different points on your journey. Notice how enormous the distances are – kms and miles are not big enough units to measure it in. What other unit can be used to measure these huge distances? Watch www.youtube.com/watch?v=ewGsiUPeBD4. Read notes at www.bbc.co.uk/bitesize/guides/z8wx6sg/revision/1.
6. Log on to the VLE. Go to the Biology section, then Year 8 folder, then Space folder and save a copy of the Space Q's Word document, with your name added at the end of the original document title. Complete the Q's in black font without using any books/resources to help you, and then fill in any gaps you have left in blue font using any resource available to you. **Save this and attach to an email, which you need to send to your Science teacher please before Phase 6 starts.** Thank you.

Work hard and email your teacher if you need any help!

