

Year 7 Work Spalding High School
Work for 20th April to 1st May

Art:

Task 1 - artists double page - using the PowerPoint (which will be emailed to you) - paint and draw sections from it creating an artists' page. Label with the artists, name and use descriptive words you can think of, next to the images.

Task 2 - colour mix and match task - find a colourful image from a magazine - stick it in the centre of an A4 page and try to mix and match all the colours using your watercolour palette.

Task 3 - Still life painting - make an observational A5 painting of a collection of objects of your choice (choose colourful ones which are well rounded - don't use flat objects such as phones, photos etc. Small soft toys and ornaments work well. Arrange the objects carefully in response to one of the artists on the PowerPoint, making connections with their work and how they use colour. Remember to mix your colours to produce tints and shades (light and dark tones) and remember to show the shadows on and under the objects to show the FORM (3D ness!!) - well done for your hard work!

Computer Science:

New topic: Microbit Programming. On the VLE there is a "Student Programming Diary", use this alongside the BBC Microbit website to complete the challenges in the diary.

<https://makecode.microbit.org/>

Design Technology (Including Textiles):

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

Part 1 of 4

1: Read through the PowerPoint/pdf on the VLE so that you fully understand the task. Consider who the user of your product might be.

2: Complete the worksheet entitled "User centred design" (you don't need to print any of the sheets, you can simply work on plain paper or in a notebook):

3: Start your design work.

English:

Writing to entertain:

Objective: Demonstrate some familiarity with the features of narrative writing

Learning Outcome: Apply features of narrative writing. Choose a well-known story with a variety of different characters – maybe a fairy-tale or a nursery rhyme. Write the opening (at least one paragraph long) from the point of view of one character, for example, from the Ugly Sister in Cinderella.

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

Food and Nutrition:

Eatwell Guide Project

You each have a copy of The Eatwell Guide on the front cover of your booklet (The Y7 booklet has more detail on this).

YEAR 7 – I am aware you are new to this, so simply try your best and have fun doing this – be creative, look at recipe books.

You do not need access to the internet to do this; however, if you do have access, please see The Eatwell Guide on either the NHS website OR The British Nutritional Foundation website.

- Plan a 7-day menu – 3 meals in each day - Breakfast, Lunch and Dinner. You may include snacks and drinks where appropriate.
- Base your menu around the approximate portions as indicated on the guide, e.g. 5 portions of Vegetable and fruit each day – 1 portion is 80g e.g. 1 medium banana or apple
- Remember the starchy carbohydrates should be wholegrain
- Unsweetened Fruit Juice and smoothies are limited to 150ml per day.
- Give detail in your menu e.g. if you are making a cheese salad wrap with mayonnaise - is it a wholemeal wrap, what type of cheese are you using – reduced fat perhaps / reduced fat mayonnaise.
- Most people enjoy a pudding/ dessert sometimes! Include 1 and make it special but think how you can include fruit and what you might serve it with, e.g. Low fat Greek yoghurt instead of double cream.
- If you are able to conduct practical work, that is super – take a photograph and write a few reflection notes about taste, texture, aroma and appearance.

French:

Chapter 2 - **Mon Collège** - all exercises to be completed in blue book with date/title and exercise number. Vocabulary for this unit is on pages 46/47.

Pages 26/ 27

Use the ideas on these pages about what pupils wear to school, meals, the school day, subjects studied and holidays to do some research into the difference between English schools and French schools. Take a double page spread of your exercise book to record your findings in English. Record anything else you find interesting.

Pages 28/ 29

1. Learn the school subjects.
2. Using the expressions in the yellow box write out an opinion on each subject. Ie. J'adore le français.
3. Ex 5 Translate into English.
4. Write a short paragraph using your sentences from no 2 but adding connectives (et, mais and aussi – see yellow box on page 29).

Pages 30/ 31

1. Write a list in your neat books of negative opinions, positive opinions and give their translation.
2. Translate ex 5
3. Use your paragraph that you prepared earlier (no 4 above). Improve it by adding reasons for all your opinions. Ie J'aime le français parce que c'est intéressant mais c'est aussi un peu difficile. Try to use three connectives and intensifiers. (From the box at the bottom of page 31).

Optional:

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

Using the search button: studio 1 mes matières
 studio 1 c'est génial

Contact:

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

Geography:

On the VLE you will find 2 documents relating to your Snipedales fieldwork. The first is a set of teacher collected data that you can use if you can't find your own. The second is a set of tasks to help you understand what might be going on at Snipedales. You can either complete the tasks in your book or complete them on the sheet, print the sheet out and stick it into your book.

German:

Chapter 4 **Schule ist klasse** – all exercises to be completed in yellow book. All vocab on p92-93

All work to be set out with date/title/page and exercise number

P74-75 Research the four '?' boxes which are about the differences between German and English schools. Take a double page in your book to write down all your findings in English.

Then complete answers in full sentences to Qu 1-6.

P76 ex 1 write out a sentence for each subject saying whether you like it or not e.g. ich mag Deutsch Ich mag English nicht

Copy out the orange box ex 4 but change the subjects to suit you

Learn the adjectives ex 5

Ex 6 complete the exercise, write out questions and answers

Write up green grammar box in grammar books, then copy orange box into yellow books. You must use both of these to complete ex 7 in your yellow book, in German, and then translate your answers

Optional

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

Using the search button: Stimmt 1 Kapitel 4 (All the work available can be used)

History:

Use whatever resources you can access to produce a newspaper about the Peasants' Revolt of 1381. You will need to find out what had made the Peasants so upset, what they did during the revolt and how King Richard II eventually ended it.

Maths:

Topic focus: Percentages 1. Complete any work set on MyMaths by your teacher, or use pages 79-84 in your homework book. 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.

To know equivalences between common fractions, decimals and percentages
To understand and use percentages greater than 100%
To calculate a fraction of a quantity without a calculator
To calculate a percentage of a quantity without a calculator
To calculate a percentage of a quantity with a calculator

Music:

A new theme park called 'MusicLand' needs you to design the layout and rides in the park. To be able to do this you will need to base the design of the theme park on ONE family of orchestral instruments – Strings, Woodwind, Brass or Percussion. You will need to research the instruments in your chosen family and then design the park around that family of instruments. Also you need to design at least one major ride in the park, which must also be based on one or two of your chosen instruments.

RS:

Mini Project - Create an A -Z of Christianity

You may do this as poster work, as a leaflet or word process this. Please note – you may not find a word for every letter. For as many letters as you can, find a word linked to the Christian faith and then give a clear definition of this word.

It would be lovely to have an image for each letter where appropriate. E.g. E is for Easter eggs, given by Christians at Easter as a symbol of new life and resurrection.

If you have the internet, this could help you with your research.

We have also put a link below that we would recommend watching.

<https://request.org.uk> – may be a useful website lots of great clips on Christianity and good information too.

When we are back in school it would be great to give a prize to the best one!

Science:

Reproduction Topic – use your Smart Science textbook or BBC Bitesize website to answer the following Q's fully:

1. p68-69. Why is reproduction important? What are the similarities and differences between sexual and asexual reproduction? What are the differences between internal and external fertilisation? Give e.g.s. of organisms that use each process. What is a lifecycle? Draw and label the life cycle of an organism you know about.
2. p80-81. What is puberty? What is adolescence? During puberty, what changes happen to females only, males only, both males and females? Using only the textbook or Bitesize, draw and label the male and female reproductive organs, with the function of each structure identified described simply.
3. p74. What is the menstrual cycle? Why is it so important? Watch: www.youtube.com/watch?v=vXrQ_FhZmos. What roles do oestrogen, progesterone, FSH and LH have in coordinating the menstrual cycle? (in simple terms only).
4. p30-34. What is a gamete? What are the names of the 2 made by humans/mammals? Where are they produced? What is a nucleus? What happens to the nuclei (>nucleus) of gametes during fertilisation? What is DNA? What are chromosomes? What are genes? Draw and label a picture showing the links between a nucleus, DNA, chromosomes and genes in humans/mammals.
5. p73. What is implantation? What is gestation? How are identical twins formed? How are non-identical twins formed?
6. p79. What is a zygote? What is a blastocyst? What is an embryo? What is a foetus? What is cell division (specifically mitosis)? Watch: www.youtube.com/watch?v=h82ltr84_Yg. What is a placenta? What is an umbilical cord? What is the amnion? What is amniotic fluid? How can a mother care for her developing foetus throughout her pregnancy?
7. p80. How long are horses, whales, giraffes, cats, bears, humans, lions, elephants, dogs and mice pregnant for? What is labour? What are contractions in labour? Why do you have a belly button? How can a new born baby be fed? What are the advantages and disadvantages of the 2 main methods of feeding?

If you have done any/all of the above already, please finish what you haven't then complete the Reproduction summary from the VLE and email only this to your teacher, either as a completed Word document, or as an attached scan/photograph.

7C only – as you have done more of Reproduction, please spend the remaining Science time this fortnight on producing revision materials for the Getting Organised, Forces and/or Bubbles & Bangs topics. Keep these safe.

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

