

Year 10 Weekly Tasks – WK Beginning 06.07.20



Please note – pupils will need to be logged into Elvin Portal – Pupil Zone for the links to work.

CORE SUBJECTS

English

English Language

Task 1	What I will need...	What I need to do...
Reading and Comprehension 30 minutes	The mock exam paper in the link HERE The multiple choice comprehension quiz HERE	Read the extract from ‘Queenie’ by Candice Carty-Williams Answer the comprehension quiz questions in the multiple choice quiz.

Task 2	What I will need...	What I need to do...
Exam Practice Evaluation Question 2 10 minutes planning 20 minutes writing	Microsoft Word or email to write your response Your teacher’s email address Access to email A clear plan	Look in detail at lines 7 to 15 of the source. How does the writer use language here to convey Queenie’s feelings of anxiety? [8 marks] You could include the writer’s choice of: <ul style="list-style-type: none"> • words and phrases • language features and techniques • sentence forms. <p style="text-align: right;">[8 marks]</p>

Task 3	What I will need...	What I need to do...
Reading Journal task At least 20 minutes every day	<ol style="list-style-type: none"> 1. Lined paper or a notebook 2. A fiction book of your choice 	Read a book of your choice for at least 20 minutes Monday- Friday. On lined paper or in your own notebook, every day you read, write down: <ol style="list-style-type: none"> 1. The date 2. How many pages you read e.g. <i>I read from page 6- page 17</i> 3. In one beautifully crafted sentence, explain one thing you liked about the part you read. E.g. <i>In today’s reading, I liked the part when...because...</i>

	OR e-reader 3. A pen	4. Write down any words whose meanings you did not know and write the meanings next to them
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English Literature

Maths

Set 1

Please see the home learning folder [here](#).

Complete the work for week commencing Monday 6th July. (Page 131- 147)

Length of an Arc, Frequency trees, Probability trees and Corbett Maths 5-a-day

The Hegarty tasks you need to complete are: 544, 545, 368, 369, 362, 363

As a rough guide the booklet work should be 40 minutes per day and the Hegarty task 20 minutes. Your class teacher will also set you these tasks on Hegarty and will be checking them for completion and 80% correct or more.

Sets 2, 3 and 4

Please see the home learning folder [here](#).

Complete the work for week commencing Monday 6th July. (Page 110-123)

Pythagoras Theroem cont'd, Sample space diagrams, Frequency trees and Corbett Maths 5-a-day

The Hegarty tasks you need to complete are: 498, 499, 359, 368, 369

As a rough guide the booklet work should be 40 minutes per day and the Hegarty task 20 minutes. Your class teacher will also set you these tasks on Hegarty and will be checking them for completion and 80% correct or more.

Science

This week's focus is Biology

Ecology- Competition and adaptation in plants

Prepare your exercise book

Write the date and title in your book (the title is Competition and adaptation in plants)

Watch

Watch the following video on this topic:

[Ark Elvin loom video – see your Teacher's email for the link](#)

Read

Read the anchor text on Competition an adaptation in plants

Do

1. Complete the competition and adaptation in plants key questions by typing your answers on the word document or writing the answers into your exercise book.
2. Watch the adaptations in plants videos here: [plant defence video](#) and complete the questions related
3. Self-assess your answers using the answer document uploaded on Wednesday to improve your work.
4. Extended Question

Complete the extended question on Competition and adaptation in animals

You can either create a piece of work by hand (e.g. an annotated diagram, a poster) or create a word document/powerpoint or simply type an answer into the form.

You need to enter/upload your responses using the form [here](#)

The deadline for the extended response question is Friday 10th July 3.30pm

5. Mastery Quiz

Complete the online Mastery Quiz on Competition and adaptation in animals

Click [here](#) for the mastery quiz

The deadline for you to complete the mastery quiz is Friday 10th July at 15:30.

Team Science look forward to reading all of your wonderful Biology work!

Summary of tasks – what and when?

Day	Task	Time	Link
Monday	Read your Teachers email Watch loom video Read anchor text	60 minutes	
Tuesday	Complete key questions Watch the plant defence video and answer the questions	60 minutes	plant defence video
Wednesday	Self-assess key questions Complete the extended question	30 minutes 30 minutes	here
Friday	Complete the mastery quiz	60 minutes	here

NON-CORE SUBJECTS

Art

For this activity you need

- Pencil
- Rubber
- Lined paper

Learning Objective: To be able to evaluate work using the template provided.

Task:

- Gather your work from last week and keep it in front of you.
- Answer the following questions on a piece of lined paper in full sentences to form one paragraph. (The paragraph will be an evaluation of your artist copy)

There are possible sentence starters to support you. You do not have to use them.

1. Which artist created the art work you copied? The painting I copied was created by _____.
2. What do you like about the artist's work (The Simplicity/ the realistic effect/the use of black and white/ Layers). My favourite thing about the painting I copied is _____.
3. What have you done really well (Accuracy in design/ Using the secondary sources for accuracy/ Taking time to complete work/ Stopping to check work regularly). In my personal response I have _____ really well because _____.
4. To improve my work I would (Follow the steps one by one/ Stop to check my work regularly/ Allocate more time when completing work/ Continuously use the artist work as inspiration) ? To improve my work next time I would _____, this is because _____.

Keep your artist response and this paragraph safe, as you will need it in next week's task.

Stop when necessary to read over your sentences and make corrections.

Good luck and keep practicing. Spend at least an hour on this task.

This work should be finished by Friday.

Computer Science

GCSE Computer Science

Important information: The following task has been set and should be completed on MS Teams. Email me if you have any issues doing this.

This task should take two hours to complete

- For each code snippet in the table below, complete the second column to predict what the code does.
- Run each code snippet in Repl.it, complete the Actual Result column to say what it does. How does it compare with your prediction?

	Code	Prediction	Actual Result
1	<pre> 1 score = 20 2 score = score + 100 3 print(score / 10) </pre>		
2	<pre> 1 score = 200 2 # print(score) 3 print("score") </pre>		
3	<pre> 1 number1 = input("Enter the first number please") 2 number2 = input("Enter the second number please") 3 total = number1 + number2 4 print(total) </pre>		
4	<pre> 1 kilometers = float(input("Enter value in kilometers: ")) 2 3 conv_fac = 0.621371 4 5 miles = kilometers * conv_fac 6 print('%0.2f kilometers is equal to %0.2f miles' %(kilometers, </pre>		

- Modify code 4 so that the result is in metres rather than miles. Paste your code below
- Write a Python program to convert temperature from Fahrenheit to Celsius and vice versa. Paste your code below

iMedia

Important information: The following task has been set and should be completed on MS Teams. Email me if you cannot do this. These tasks should take one to two hours.

The following links will help you complete the tasks

- [File Formats](#)
- [Image File Formats Presentation](#)

Task 1

The following table lists common file format/extensions. Tick (or type "X") the Print use or Web/Multimedia use column to indicate where each of these file format/extensions would typically be used.

File format/extension	Print Use	Web or multimedia use
.jpg	X	X

.png		
.tif		
.pdf		
.bmp		
.gif		

Task 2

When working with images, you need to be aware of the difference between vector and raster graphics. Look at the example below. It shows what happens when you zoom in on a raster graphic:



The pixels become visible as tiny squares, and the overall effect is rather blurred. Vector graphics store the image information as a series of coordinates or vectors, and when resizing by zooming, the pixellation effect does not occur.

Complete the table below, entering examples of file types and advantages and disadvantages for both bitmap or raster graphics and vector graphics. You should comment on the following factors in the advantages/disadvantages columns:

- Making the graphic much larger by scaling
- Software that is used to edit or create
- Whether used for print products or web pages

	File Types	Advantages	Disadvantages
Bitmap or raster graphics			
Vector Graphics			

Drama

Topic: Hamilton – the review.

Powerpoint [here](#).

Complete the tasks on the powerpoint. Spend up to two hour doing this.

Send work to lspiers@arkelvinacademy.org before Friday at 12:00

DT

Work to be emailed to Ms Connett by Friday 10th June 2020

See link for PowerPoint below:

https://arkschools.sharepoint.com/:p/s/elvin/students/EeSzXisCS_tMtk-YTuisT4BQQCg-CIUY7J-ZDF3AKzVzA?e=oKQgeu

Download the word document 'DT Year 10 - Project - Thinking outside the Box - 08.06.2020'
Read through the project carefully, highlighting key information to help you complete the tasks.

Task 1 – Presentation Sketch - Slide 15 – 30 minutes

Your final drawing of your finished product should be informative and presented neatly. A good example of this can be found [here](#) . Note how he traces his more successful sketches until he has the desired effect that he needs. This should be a whole sheet just for the one idea.

It should inform your CAD drawing. This needs to be fully annotated in full sentences and give justifications of why design decisions have been made.

Task 2 – CAD Modelling - Slide 16 – 30 minutes

You should now have a good idea of the sizes and style of your product. You must now create the idea as a to scale CAD model. Make sure that you are using the correct sizes and scale and add a picture of a person to give it the feeling of proportion. You may also add colour, textures to it. Then screen shot your work and add annotations to your work. You will need to take screen shots of your product from different angles and poses to ensure that you are communicating your design fully.

Sketchup is a free 'web based' CAD software that you can use to create a model of your final product. You can also add other objects in by importing them for 'Google Warehouse' Make it look realistic and in its context.

Note: Feel free to use any CAD software you have access to and feel comfortable using.

Link to Sketchup: <https://www.sketchup.com/plans-and-pricing/sketchup-free>

Link to Presentation sketch video: <https://www.youtube.com/watch?v=xrzwFKRTxPM>

French

Lesson tasks (45 minutes each)

Complete the tasks in the links below. Write your answers in your book:

- [Where I live](#) (45 minutes)
- [At the seaside](#) (45 minutes)

Send a photo of your work to your teacher.

Continue learning on Memrise (at least 30 minutes)

1. [Click here to watch a 4 minute video of how to create your Memrise account](#)
2. When you have created your account, [click on this link to join the Elvin Memrise group](#)
3. You should spend 10 minutes each day (or 2 x 30 minute sessions) learning vocabulary

Email Miss Tiller if you have any questions: k.tiller@arkelvinacademy.org

Geography

This week we are revising Resource Management

Watch the [loom video](#). Find answers to Week 12 exam questions [here](#) and MCQ [here](#)

Complete Tasks 1-3 below.

- Task 1: Read information and take notes using the [revision guide](#)(1hr) Use [BBC Bitesize](#): or [SENENCA](#) (Chapter 6.1) for additional notes.
- Task 2: Complete [multiple-choice questions](#) (20 mins)
- Task 3: Complete the [exam questions](#) in your books (other than the one at the top which you should send by email to your teacher). (40 mins)

Within Task 3 there is one exam question that I would like you to email to your teacher for feedback. The questions is: Explain the reasons why the UK imports most of its food (6 marks). This is due at 11am on Thursday 9th July

History

Title: The Death Penalty

The revision guide is [here](#) if you need any additional help.

[Click here to watch the Loom video](#) for context on this week's home learning.

Tasks:

- 1) Read the contextual information about the abolition of the Death Penalty [here](#) (20 mins)
- 2) Complete Elvin Quiz [Here](#) (10 mins)
- 3) Look at the countries here with the most death penalties- Why do you think they still use this type of punishment? (5 mins)

Capital punishment in 2012

● Number of death sentences handed down
● Number of executions

US
43
77
US Connecticut became the 17th abolitionist state

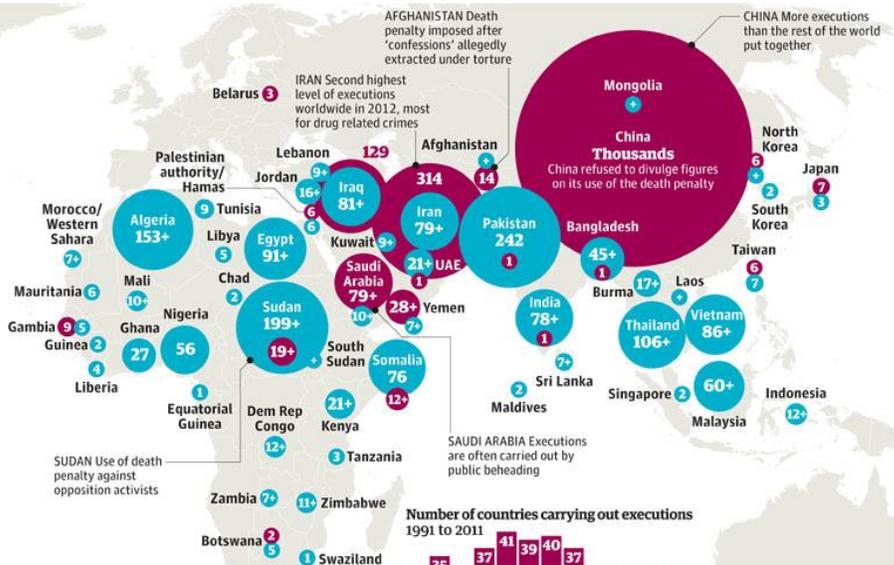
676 executions

were known to have been carried out in 20 countries in 2012

1,923 people

in 58 countries were known to have been sentenced to death

Notes:
These figures do not include the thousands of executions likely to have taken place in China. A plus (+) alone indicates that death sentences were passed or executions did take place but that it was not possible to specify a figure



Number of countries carrying out executions

1991 to 2011



- 4) Complete one paragraph and send to your teacher by 09.07.2020: Why did they get rid of the Death Penalty in the UK? Was it because it was inhumane or because it was not an effective deterrent (10 mins)
- 5) Complete one paragraph and send to your teacher by 09.07.2020: Why do you think countries, like America, still use the death penalty and do you think this is fair? (10 mins)

Music

Set: Monday 6th July

Due in: Friday 10th July

How to organise your Music time this week:

1. Download and save any sheets on your computer from all the lessons.
2. Complete your work on the worksheets in the links below or a blank word document too and send it me back.
3. Send them back to me all in ONE email.
4. Please write all your work in full sentences when answering the questions.
5. Please send me ALL tasks back for the week.

Purpose of work: To consolidate some key exam technique ahead of next year's exam.

Complete all tasks by 3pm Friday 10th July

Lesson	What resources you will need?	Time it will take	How to do it?
Do Now: Musical element revision	Musical Elements Do Now 3 worksheet	10 minutes	<ul style="list-style-type: none"> • Open up the worksheet. • Read through each question

			<ul style="list-style-type: none"> • Correct each answer.
Lesson 1 Section A Purcell questions	Purcell Section A question worksheet Purcell Section A question video	45 minutes	<ul style="list-style-type: none"> • Open up the worksheet • Open up the video. • Listen to the video and work through the worksheet at the same time. • Send me the worksheet back.
Lesson 2 Wider listening	Year 10 section of Ark Music website Password: MusicResources Wider listening questions worksheet	30 minutes	<ul style="list-style-type: none"> • Open up the Ark Music website and use the password. • Open up the wider listening questions worksheet. • Choose ONE song to listen to and answer the questions on the sheet. • Send me the worksheet back.
Lesson 3 Defying Gravity rhythms!	Defying Gravity rhythms worksheet Defying Gravity rhythm video	45 minutes	<ul style="list-style-type: none"> • Open up the worksheet • Open up the video. • Listen to the video and work through the worksheet at the same time. • Send me the worksheet back.

Other things for this week:

There are other bits of additional work that you can complete separately.

- I would love for you to send me a small audio clip or video clip of you practicing your instrument at home.
- Band lab = I will be giving you BandLab videos to complete over the Summer Holidays. Get familiar with Bandlab now by using the Band lab sheets;
- [Creating a Bandlab account](#)
- [Creating a melody on Bandlab](#)
- Check out www.arkmusicresources.co.uk for some excellent Music resources, like 'Band in a week'.
- Password: MusicResources

- Instrumental lessons have started! Make sure you are practicing the work set by your instrumental teacher.
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PE

All of Year 10

Ark Elvin Sports Day – 1st July to 15th July 2020

1. Sign up to the challenge on arksportsdaychallenge.com
2. Run, cycle or walk and submit your distance online
3. The form in each year group with the furthest distance will be crowned the Sports Day 2020 champions

10XC/PE1 GCSE Work

Task 1: Handball or Volleyball presentation

- 1) Complete last weeks tasks.

Task 2: Movement analysis

- 1) Watch the video on movement analysis and complete tasks as you go.
<https://www.loom.com/share/16coea64ae8b46969b5ebcaf82730da9>

- 2) Complete the 10 GCSE questions attached in the weekly email. You can also find the link to the questions here:
https://arkschools.sharepoint.com/:w:/r/sites/elvin/students/_layouts/15/Doc.aspx?source=doc=%7BF1FE2A00-95A3-49EA-AAB5-DDAA2BED972E%7D&file=Movement%20Analysis%20Questions.docx&action=default&mobileRedirect=true

- 3) Email your answers to the questions to Mr Ciombar

- You will need to draw levers and axis so if you are able to do that using the computer functions in Word then please do that then send me your answers.
- You can answer the questions directly onto the question paper if you want but you must SAVE A COPY to your computer first before adding in your answers.
- You can answer on paper so you can draw the levers/axis with a pencil and ruler but you will then need to take a photo of your work and attach it to email to send to me.

You can email Mr Ciombar between 8am and 5pm any day for help with any of these tasks-
a.ciombar@arkelvinacademy.org

RE

1. Read through the text on Peter Singer and speciesism answering the questions.

https://arkschools.sharepoint.com/:w:/r/sites/elvin/students/_layouts/15/Doc.aspx?sourcedoc=%7BBE66909B-2B6B-40D7-A241-59E938DBDB8A%7D&file=Speciesism.docx&action=default&mobileredirect=true

Suggested time: 20 minutes

2. Use the texts and the answers to your questions to give arguments for and against treating animals the same as humans.

Suggested time: 15 minutes

3. Write a conclusion to the following essay question:

Human beings are more important than animals.

Please submit your conclusion on Microsoft Teams (10XC-RE1 assignments page). If you have any issues uploading your work please email Mr Nicholson (c.nicholson@arkelvinacademy.org) your completed answer.

Due: Wednesday 8th July 2020 at 15:30.

Suggested time: 10 minutes

4. Complete the SAM learning (<https://www.samlearning.com/>) quiz on the content covered. It can be found under My Set Tasks.

Due: Friday 10th July 2020 at 15:30.

Suggested time: 15 minutes

Sociology

These are your tasks for the week beginning Monday 6th July. Complete all work neatly in your Education exercise book or on a Word document. This week we will be learning about how gender impacts educational achievement.

Task 1 (45 minutes): Why has achievement for females improved?

Read page 180-181 found [here](#) and answer the questions below:

1. Review the statistics in the orange box on page 180.
 - i. Outline the differences in achievement levels between female and male students at GCSE and A-Level. Quote data from the table to support your answer.
 - ii. Make a list of factors or ideas that might explain these differences in achievement.
2. Review the 4 reasons why females outperform males at school. Create a spider diagram OR a table summarising each of these changes.
3. In your own words, summarise the case study carried out by Sue Sharpe in no more than 6 sentences. You can find additional information on her case study [here](#) and [here](#)
4. Answer the exam question: Identify and explain one reason why female students may achieve better grades in school than in the 1970s? (4 marks)

Task 2 (1 hour): How can we explain the differences in subject choice between males and females?

Read page 182-183 found [here](#) and answer the questions below:

1. Review any previous work on gender and answer this exam question: Describe what sociologists mean by gender socialisation (3 marks)
2. Review the text at the top of page 182 and list 4 factors that might influence subject choices for females and males.
3. Review the table in the orange box at the bottom of page 180
 - i. Identify which subjects seem to be most strongly dominated by males and which by females. Calculate the differences in entries for each subject.
 - ii. Note down some ways in which you might explain these patterns, bearing in mind that female students outperform males in each of these areas at GCSE level.
 - iii. What effects might these patterns have on future career choices?
4. Read the 3 articles below. For each one, write 2 key points about gender differences in education. This can be a statistic, a quote, or something you found interesting.

<p>Article 1 Guardian article on why girls who achieve good GCSE results in STEM subjects are nevertheless less likely than boys to choose them as A Level options</p>	<p>1. 2.</p>
<p>Article 2 Guardian article 'Science doesn't belong to men'</p>	<p>1. 2.</p>
<p>Article 3 BBC article 'No room at the top for women scientists'</p>	<p>1. 2.</p>

STRETCH READING (OPTIONAL): This is an interesting [article](#) that summarises the reasons why females are outperforming males in education. It also points out additional research in this area.

Please send Ms Khokhar the following items by Friday 10th July (can be a Word Document or a picture of your work):

- Your answers to all of the questions – including the 2 exam questions
- If you need any help with the above please contact me any time via email