

Pre Learning

Subject: Digital Enterprise

Year: 8

Task 1: Explain what the Micro Bit is and include a picture to show what the Micro Bit looks like. Explain why it is used and why it has been created. How is it meant to help children to learn computer science?

Task 2:

Explain what 'blocks' language is and why it is used. Look into the history of blocks language and why it came into existence in the first place.

Use the following links to help you:

<http://www.bbc.co.uk/programmes/articles/4hVG2Br1W1LKCmw8nSm9WnQ/the-bbc-micro-bit>

Watch the video on the BBC website to help you understand how the Micro Bit works.

[https://en.wikipedia.org/wiki/Block_\(programming\)](https://en.wikipedia.org/wiki/Block_(programming))

Use wikipedia to look into the history of block programming.

Pre Learning

Subject: DT

Year: 8

Test Your Knowledge Core Technical Principles: Types of Movement

1 Draw arrows showing each of the following types of movement. [4 marks]

Rotary

Oscillating

Linear

Reciprocating

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Pre- Learning

Subject: French

Year: 8

1) Write an answer to the questions in French:

- Où est-ce que tu aimes aller en vacances? (Where do you like going on holiday?)
- Quelle est ton pays préféré et pourquoi? (What is your favourite country and why?)
- Tu préfères voyager en avion ou en train et pourquoi? (Do you prefer traveling by plane or train and why?)

2) Find a picture of your favourite holiday destination and write 5 sentences to accompany it in French.

3) Research a French speaking country and write 10 facts about it in English. Try to then write a couple of sentences to describe it in French.

4) Create a set of **flashcards** to help you remember the past and present tense (verb conjugations). These will be really useful to you in Year 9!

Key words:

je vais = I go

nous allons = we go

aller = to go

voyager = to travel

en vacances = on holiday

Pre Home Learning

Art KS3

Year 8:

'Artist links' are of high importance in a GCSE and refer to 25% of overall marks. They bend and shape the way our work develops over the year and are often the missing link we need to create exciting, high quality and different work.

Create 'Artist Link' pages (Minimum A3) that shows us what or who the artist is looking at, try the techniques using the same or similar medium (paint, pencil, chalks etc) and write a little about what you think about the work, important or exciting things you find out about them. Most important of all – make the sheets look creative and exciting...experiment!

Pre-Learning

English

Year 8

Next half term you will be studying film. To help you prepare to become experts in film you should do some research to answer the following questions (use Google). Make some brief notes for each question.

1. What are the different types of camera angles? For example: wide angle.
2. What is mise-en-scene?
3. What is the difference between accelerated motion and slow motion?
4. What are the different types of sound in film? For example: diegetic sound.
5. What makes a film successful?
6. When did film making begin?

Imagine you are directing a new superhero movie. Make a storyboard of the first 8 camera shots of your film (draw the images):

1.	2.	3.	4.
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5.	6.	7.	8.
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Elective Home Learning

Subject: Geography

Year : 8

In order to effectively prepare for your upcoming final examinations complete the following questions:

1) Define the following key terms:

a) Destructive:

b) Push Factor:

c) Pull Factor:

d) Host Country:

e) Source Country:

f) Brain Drain:

g) Brain Gain:

h) Remittances:

i) Economic Leakage:

j) Rural:

k) Urban:

l) Exponential Growth:

2) Complete the table below to outline the positive and negative impacts of migration on both areas:

Host Area	Source Area
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3) Explain the push factors that would influence people to move from rural to urban areas.

Pre-learning Home Learning

Subject: History

Year : 8

In order to effectively prepare for your upcoming final examinations complete the following questions:

1) Define the following key terms:

- a) Monarchy
- b) Civil War
- c) Treason
- d) Whitechapel

2) Complete the table below to outline the positive and negative features of Whitechapel in the Victorian period:

Positive	Negative

3) Explain the religious rollercoaster which took place in the Tudor period:

Pre Learning

Subject: Music

Year: 8

Listen to the James Bond Theme,

<https://www.youtube.com/watch?v=U9FzgsF2T-s>.

Use the table below to analyse the piece, looking at the elements of music.

Element	
Dynamics	
Rhythm	
Pitch	
Structure	
Melody	
Instrumentation	
Harmony	

Pre Learning

Subject: KS3 Food

Year: 8

Find out about 5 different special dietary needs including allergies.

Choose one that you have found out about and produce a day's menu that would appeal to teenagers who have this need.

Pre Learning

Subject: Drama

Year: 8

Research the city of Liverpool and what it was like to live there in the 1970s. Try to explain reasons.

Pre-Learning

Subject: Science

Year: 8

Year8s next topic will be looking at MICOBES

You must research these topics in detail and produce an extended piece of work in your own words.

This can be in the form of

- a mind-map
- a fact-file
- a powerpoint

Or any other way you want to present your learning - be creative!!