

Holidays topic pre-learning, part 1– Bitesize, general holidays vocabulary learning

Resources—<https://www.bbc.co.uk/education/topics/zrgwhy>

Task—Read through the notes on the Bitesize page and complete the tests. Use the new vocabulary you learn to create an A3 page brainstorm on the topic of holidays with key words in French and English.

Holidays topic pre-learning, part 2– In a train station

Resources—<http://www.languagesonline.org.uk/French/ET2/Trains/Index.htm>

Task—Complete the quizzes and tasks on the 'A LA GARE' page . Use the new vocabulary you learn to create an A3 page brainstorm key words in French and English.

Holidays topic pre-learning, part 3—transport

Resources—<http://www.languagesonline.org.uk/French/ET2/U2/Transport/Index.htm>

Task—Complete the quizzes and tasks on the 'TRANSPORT' page . Use the new vocabulary you learn to create an A3 page brainstorm with key words in French and English.

Knowle
dge and
Skills

Elective Home Learning

DT KS3

Year 9/10:

- Watch a 'YouTube' video on 'HOW TO MAKE...' and review it.
- Produce your own 'You Tube' video on 'HOW TO MAKE 'and ask a friend to assess it.
- Using your friends comments produce a new and improved video which would be suitable for another student to learn from.

Elective Home Learning

Art KS4

Year 10:

Photoshop is a worldwide renowned program that is used to create exciting digital images you may see in day to day life, from posters, to gaming, to webpage's and so much more. But this comes at a cost! Luckily for us developers have created free online versions for us to use, like <http://www.freephototool.com>. Have a play and see what you can create!

Elective Home Learning Business Studies KS4

Year 10:

Next term we will moving onto Business expansion and influences on business.

Expected

Look a Marks and Spencer Plan A and identify what it is trying to achieve.

Embedded

Choose two stakeholders (not shareholders though) and explain the impact of Plan A on these stakeholders.

Exceptional

Evaluate whether or not Plan A would be approved by shareholders



Elective Home Learning Chemistry

Year 10:

Next half term you will be studying Acid and Alkalis.

Research around pH scale and the definitions of acids and bases

Use Youtube tutorials, the revision guide and bbc bitesize to research and make notes on this topic.

Include diagrams of the pH scale and pH curves as well as the general equations for neutralization reactions forming salts.

You can present your work however you want – information sheets, a poster or revision materials to help you understand the application of the ideas in class.

Bring your completed notes to your teacher by February 5th 2018.

Elective Home Learning Computing

Year 10

Year 10:

Task 1 - Here are some methods of automated data entry:

Bar Code, OCR, OMR, RFID, Smart Cards.

For each method, identify a situation where it is used.

Task 2 – Describe the binary search algorithm in pseudocode.

Task 3 – Define what a Network is.

Task 4– Give 5 advantages and 5 disadvantages of networks.

Task 5 – Network hardware – Give five examples of hardware used in creating a network infrastructure.

Elective Home Learning Drama

Year 10:

Next half term you will be preparing to write about the process you have been through when devising your piece for Component 1. Your journal will need to reflect on the decisions you have made but also the research you have undertaken. Include elements such as:

Research around the stimulus you have chosen

When is your performance set – what is happening in society at the time – how is this reflected in your performance? (Social and historical context)

What decisions have you made and why?

Staging

Audience Impact

Extended learning – Talk about rehearsal techniques you have used in class and how they have impacted your performance.

Create a tension/ climax graph for your performance

Bring your completed notes to your teacher by February 5th 2018.

Year 10 Elective Home Learning

3 Find out what the Five pillars of Islam are and create an information page about each.

4-6 Create 10 questions you would want to know about Islam. Interview a Muslims person and record their answers. These should be general questions about their faith for example, who do you worship?

7-9 Research and explain the difference between Sunni and Shia Muslim beliefs. Using examples to support your work.

Elective Home Learning

English KS4

Year 10:

Next half term you will be preparing to write an exam answer for Jekyll and Hyde. As part of your answer you will need to demonstrate a good knowledge and understanding of the historical, social and personal context of the novel.

- Watch the following video:
<https://www.youtube.com/watch?v=mpMdy9YGdZc&safe=true>
- Make notes about the video under the following headings: **Social context**, **Historical context**, **Stevenson's Life**.
- Extend your learning by selecting quotes from the novel which can exemplify the context of the novel, i.e. find a quote which suggests that in Victorian society the middle classes feared the working classes.
- Bring your completed notes to your teacher by February 5th 2018.

Elective Home Learning

Food KS4

Year 10:

Design an information sheet to inform people about buying and storing food.

This should include:

- Food safety advice
- What to look for when buying food
- Types of food storage
- Temperature control in food storage

Add images and drawings to make it interesting to a high school student.

Elective Home Learning History

Year 10:

Next half term you will be studying what can research reveal about early Norman castles?

For this enquiry prepare notes on the following:

1. What was new about Norman castles in England? Compare them to Anglo-Saxon castles.
2. Where did the Normans build castles and what did their castles look like?
3. What exactly were Norman castles used for?

You will also need to research ONE Norman Castle and provide a detailed account of its purpose and history.

You can present your work however you want – information sheets, a poster or revision materials to help you understand the application of the ideas in class.

Bring your completed notes to your teacher by February 5th 2018.

Elective Home Learning

Physics Year 10

In the next half term you will be studying a range of topics including forces, density and pressure – to help you prepare for these topics you should access information on them from the BBC bitesize website.

Topics you should study include:

Forces and movement - <https://www.bbc.co.uk/education/topics/zmj7hyc>

Solids, liquids and gases - <https://www.bbc.co.uk/education/topics/z67mn39>

For each topic you study make a set of notes – these should include labelled diagrams, bullet points of key ideas and definitions of keywords.

Elective Home Learning Science

Year 10:

Next half term you will be studying Acid and Alkalis.

Research around pH scale and the definitions of acids and bases

Use Youtube tutorials, the revision guide and bbc bitesize to research and make notes on this topic.

Include diagrams of the pH scale and pH curves as well as the general equations for neutralization reactions forming salts.

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GEOGRAPHY



Weather Hazards Autumn 1

- Research a recent tropical storm. Identify evidence which demonstrates that tropical storms are natural hazards that pose risk of damage to property and life.
- Read the article 'scientists blame warmer Atlantic for wet summers' available at <http://www.bbc.co.uk/news/science-environment-19848112> or as a hard copy from your teacher. Summarise the changes that have taken place and predict how these changes will affect you in the future.
- Use the Atlantic tracking map to plot the journey of four famous Hurricanes. Use a different colour to plot each one.

Can you see any patterns in the movement of the hurricanes?

- Graph analysis:
 1. Describe the pattern of hurricane frequency shown on the graph (remember to reference specific data).
 2. Explain why you can see this pattern of hurricane frequency.
 3. Predict what impact the changing frequency of hurricanes will have on the countries bordering the Atlantic.