

Year 8 Home Learning

Set 1: Monday 23rd March – Friday 3rd April

Spanish

Las asignaturas – Creating a character

Task: To create a character and to discuss the subjects he/she likes/dislikes.

Create a character with an imaginary Spanish name. Then create a short speech for this character in which he/she discusses: - His/her name and where he/she lives. - The TV types of subjects he Example likes/dislikes + why.

Use these sentence starters to help you:

Hola! Me llamo Ricardo y vivo en Madrid. Me gusta(n) las matemáticas Porque es/son..... No me gusta(n).....Porque es/son..... También, me gusta(n)...la historia Porque es..... No me gusta(n).....Porque es/son.....

Music

African Masks and Music

In Africa music is used in ceremonies and festivals with the addition of ornate masks, often of African animals or of human faces. These are made of natural materials such as wood, ivory and animal fur and hair. The colours of the masks are often symbolic and represent a feeling or a mood of strength or a quality of being human. The masks which represent animals are of animals found in that area, such as zebras, birds and gazelles.

Task 1: Answer the following questions:

1. What kinds of materials are used in making an African mask?
2. What are African masks used for?
3. What qualities do African masks symbolise?
4. What animals are represented in masks?

Task 2: Watch this video of how to make a mask and how they are used in ceremonies:

https://www.youtube.com/watch?v=tRve_j9was0

Task 3: Design an African mask

Watch the video in the last slide again and see if you can design an African mask.

Drama:

Find out the definitions for these key words from the opening Prologue of Shakespeare's Romeo and Juliet. Put each one into a sentence of your own and then explain what you think the link is to the play: **household, dignity, grudge, mutiny, fate, foes, strife.**

Write your own script about 2 families in conflict. This could be set in the present day or the past. Remember to use the conventions of a script (names with colons, no speech mark, stage direction in

italics/underlined and gaps between lines). There will be a silver reward for the most entertaining scripts.

Maths:

The details of the work that you are required to complete will be available on Doodle. This will direct you to the different online platforms that you are used to using in Maths. Work will be set on Mathswatch and MyMaths. Feedback will be given by your class teacher.

Science:

Task 1:

Produce a Family Tree as part of the Genes, Variation and Inheritance topic. Once the family tree has been created you should then be able to describe: The similarities and differences you can identify between themselves and their relatives. This should be linked to your genes and/or the environment.

Task 2:

Now research the structure of DNA and create a poster of this, you can include information from your family tree on your poster too.

Alternatively you can work through questions on DNA and Inheritance in your KS3 workbook. Pages 59-61.

Dance:

Dance show project: You have been commissioned to put on a dance show at your school. Create a presentation explaining the running of the show and how the evening would work. You can present your idea however you like e.g. Presentation, video, speech.

Things to consider

- Price of tickets - How many tickets are you going to sell?
- Will there be refreshments, if so how much are you selling them for to make profit?
- Number of performances in the show.
- Will the dance show have a theme e.g. only street dance/ mixture of styles?
- Advertising for the show- Posters etc.

Or

Dance show audition: You have been asked to audition for a part in the school dance show. You need to create a dance for your audition. You can record this to submit your entry.

Things to consider: What is your dance going to be about? What style of dance are you going to create? What actions might you need to consider? What music might you use?

Food Technology

WEEK 1

Start a food diary recording what you eat and drink daily over the next 2 weeks. Refer to the “**eat well guide below**”. Then answer these questions:

1. Do you think you are having a healthy balanced diet? Explain why you think it is either healthy or not.
2. What changes would you like to make to have a healthier diet?
3. How do you think these changes will impact your general wellbeing?

WEEK 2

Lesson 1 and 2: Research about the sources, functions and any other interesting facts of the following nutrients:

Carbohydrates: Sugars, Carbohydrates: Starch, Protein, Fat: Saturated, Fat: Unsaturated, Vitamin A, Vitamin C, Vitamin D, The B Vitamins, Sodium, Iron and Calcium.

Physical Education – Fitness Challenge

The **Fitness Challenges** will provide you with the opportunity to exercise at home to achieve these benefits. All you have to do is **select an appropriate level of challenge based on your current level of fitness and motivation – LEVEL 1 is the easiest whilst LEVEL 3 is the hardest**. You can complete your selected challenge at home as there is no need for equipment. All that is needed is you!

	LEVEL 1 CHALLENGE	LEVEL 2 CHALLENGE	LEVEL 3 CHALLENGE
	10 STAR JUMPS	20 STAR JUMPS	30 STAR JUMPS
	10 SQUATS	20 SQUATS	30 SQUATS
	10 LUNGES	20 LUNGES	30 LUNGES
	10 PRESS-UPS	20 PRESS-UPS	30 PRESS-UPS
	10 SIT-UPS	20 SIT-UPS	30 SIT-UPS
		20 HIGH KNEES	30 HIGH KNEES
			30 BURPEES

Fitness Challenge Rules

1. Use the Internet to research each activity and how to perform them safely
2. Before you begin exercise, measure your heart rate for 1 minute (*also known as BPM*)
3. Record this heart rate
4. Select an appropriate LEVEL of CHALLENGE
5. You must repeat each exercise to the set number required per challenge
6. You are only allowed up to 15 seconds rest between each activity
7. When you have completed your selected challenge, you must measure your heart rate immediately
8. Again, you must record this heart rate
9. You must aim to get your heart rate to 125 BPM
10. You can repeat the challenge more than once if you want.

Design Technology:

1. Draw a basic plan view map (looking top down) of a room in your house. Identify any low risk, medium risk, and high risk zones in this room. Use different colours or patterns to separate the zones.
2. Create a risk assessment for 5 hazards in this room. For each hazard answer the questions: **Who might be harmed and how? What are you doing to manage this risk? What else are you doing? Who will do this?**

Pick a disability from the list that is provided below. You need to

1. Research the disability and identify 3 problems that people with it may encounter in their day to day life. In the space below describe a product that has been developed to help these people.
2. Imagine someone in your family has the disability that you have selected. You need to choose 1 item from your kitchen that this person may have trouble using.

Your task is to redesign this item, either partially or entirely, so that a user with this disability will be able to use it successfully and without any problems. Your solution should be drawn below and you should include notes to describe what you have come up with.

Disabilities to choose from:

- Arthritis
- Parkinson's disease
- Alzheimer's disease

Textiles:

Task 1: **Edit**. Final design – edit colours

You will need to edit your design into 3 different colour schemes. Choose from the list below;

- Monochrome – black and white
- Neutrals – black, beige, ivory, taupe, grey and white
- Pastels – very pale colours
- Tones of one colour – e.g. from gold to lemon (apply different amount of pressure to your pencil)

Task 2: **Research**. Produce a detailed information sheet about the prints/patterns/dress of the country your final design is based on.

- Find/draw a map of the country.
- Find/collect images of traditional clothes with patterns or print.
- Find out **how** the traditional pattern is applied onto clothing or fabric.
- Find images of the equipment that is used to do this. Label the image.
- Find/draw images of architecture/buildings that have traditional patterns on it.
- Write a little bit about each of the images that you have found. **In your own words**.
- Give your opinion on the colours used.

Task 3: **Research**. Find the name of a designer whose designs show strong cultural links. Email me to confirm you have picked an appropriate one. Produce an information sheet on them. It should include:

Short biography

- Date of birth
- Place of birth
- Why they became an artist/designer
- Who they have collaborated with
- What media did/do they use

Select three images of their work

- Ensure images are clear and copyright free
- For one image, write about the media/techniques used
- For the second image, write about the use of colour
- For the third image, write what you like about it in detail

History

You are to complete your own Research Project on Slavery. You can BBCBitsize or any written materials available to you to help you.

<https://www.bbc.co.uk/bitesize/guides/zy7fr82/revision/1>

Your project can take the form of **ONE** of the following:

- A PowerPoint
- A Poster
- A story about the life of a slave

Your project should include detailed information about the following:

- What is a Slave?
- What was The Triangular Slave Trade and how did it work?
- How were slaves captured from Africa?
- What was it like for a slave on a slave ship (The Middle Passage)?
- What happened during a slave auction?
- What was life like for slaves working on a slave plantation?
- When did the slave trade end and why?

English

Please use the separate Year 8 English booklet which is located on the website.

Art

Andy Warhol Contextual Research

Based on the study of Pop Art, create a double sketchbook page based around the artist Andy Warhol. You will need to focus on the following:

1. Biography (his age, where he was born, when he was born etc.)
2. His art practice – what did he do that was different to everyone else? Why type of artworks did he make? What art movement was he from?
3. Why is he famous – the reason he was so successful?
4. Small paragraph of additional information you can find about Any Warhol, his impact on the art world and the types of art he made.

If you have the facilities to do so, please print and stick 4 images of his famous works of art to add to this page.

ICT

Read this news story then answer the questions below:

<https://www.bbc.co.uk/news/technology-45798523>

Note that you will have to undertake further research to provide an adequate answer.

QUESTIONS

1. Which online service accounts for the biggest chunk of the world's internet traffic?
2. List the different points where power is consumed in order to stream digital content
3. Give one reason why data centres consume a lot of power
4. How much of the world's annual electricity production is consumed by data centres?
5. As well as the consumption of electricity, name one other negative effect that data centres can have on the environment
6. Which of the following devices tends to be the most efficient in terms of power use?
TV mobile phone laptop
7. Which of the following technologies uses less energy to stream data?
Wi-Fi 3G 4G
8. Some companies are developing new ways to power their servers. Give an example.

Geography

Rural Living and Changes in Our World

There are four forms of settlement patterns: dispersed, linear, isolated, and nucleated. This is what our world looks like generally today in rural areas, however some patterns existed a long time ago as well. It is when they were developed.

Some areas are dispersed because of natural features that they surround, and cannot build on. Other areas are linear in settlement, along one or a few roads. Some areas are nucleated, where buildings are close together, while others are isolated, where very few people living in them.

1. Draw a sketch of each type of settlement pattern. Remember, a pattern is something often repeated. Your sketch should include boxes around each sketch, titles above or below each sketch, a key for the sketches and any features that can help to explain each settlement pattern.
2. Write a "wiki-descriptions" of each rural settlement pattern. Example: **Isolated settlements** are found in areas with difficult geography. It is likely difficult for people to build on, move around or

across. People settled here to live in quiet areas or near specific resources that they needed to survive.

3. Write one positive and one negative of each settlement pattern. An example of a positive comment for 'isolated settlement patterns' is: **Isolated settlements** are often in very quiet areas. This is good because people who live there do not experience noise pollution.

Religious Studies

Read: The Last Supper Mark 14:12-31

Either:

Write a diary entry as if you were one of the disciples. Include:

- The strange instructions Jesus gave you to find the place for the meal
- What Jesus said and did during the meal.
- Explain what you thought Jesus meant when he said the words about the bread and the wine
- How you felt when Jesus told you one of you would betray him
- What Jesus said Peter would do. Did you believe him?

OR:

Create a poster to explain how the events of the Last Supper influence Christians today. To do this you will need to explain how the Eucharist /Mass is based on the Last Supper, research different ways in which Christians celebrate the Eucharist /Mass and what special things are done during Maundy Thursday Mass in particular. You would need to present these facts as a poster.

Below are various websites that will support you with your home learning. These websites address general areas of your learning, the core subjects and ways you can support your physical and mental wellbeing.

General

<https://www.doorwayonline.org.uk/> - interactive activities covering a whole range of subjects and year groups

<https://www.topmarks.co.uk/> - huge treasure trove of activities that cover a whole range of subjects. Also holds links to games etc that are hosted by other sites.

<http://www.pobble365.com/> - a new picture is shared each day to provoke discussion, debate or writing ideas.

<https://www.twinkl.co.uk/> - a huge range of different subjects and focuses, arguably the best host of any resource you could need. Have offered a free account in the result of school closures.

<https://www.weareteachers.com/free-online-learning-resources/> - lots of specific links to different sites that offer free resources or learning platforms.

<https://www.bbc.co.uk/bitesize> - huge range of different resources and information broken down into Key Stages and year groups.

<https://tpet.co.uk/> - free online resource packs.

<https://www.typingclub.com/> - online programme for teaching and developing touch typing

<https://groweatgift.com/2017/06/12/30-ways-to-get-creative-for-30-days-wild/> - different activity ideas that involve creating or engaging with different things in your house or garden

English

<https://spellingframe.co.uk/> - spelling activities with specialist resources for each year group.

<https://subscribe.firstnews.co.uk/free-downloadable-issue/> - free online digital download of a specialist children's newspaper.

<http://myths.e2bn.org/mythsandlegends/> - vast online store of animated comic strips tracking legends and myths from across the world.

<https://thereadingrealm.co.uk/wp-content/uploads/2020/03/The-Nature-and-Animal-Realm-1.pdf> - downloadable reading activity pack.

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/> - free online books – brilliant if you can't get to the library

Maths

<https://mathsticks.com/my/> - online resources and print offs with specifically broken down key stage focuses.

<https://www.topmarks.co.uk/maths-games/hit-the-button> - times tables and number bond practise

<https://trockstars.com/> - times tables

Science

<https://www.childrensuniversity.manchester.ac.uk/learning-activities/science/> - lots of science subject areas covered with resources specifically designed for primary age children. (Other subjects are also available on this site).

<https://groweatgift.com/2017/06/14/30-ways-to-go-wild-with-science/> - lots of different and fun science activities you can do in the house or garden

Exercise and Mental Health

<https://www.gonoodle.com/> - lots of online videos that help keep children active inside and also teach mindfulness and meditation

<https://www.youtube.com/watch?v=d3LPrhI0v-w&safe=active> - Joe Wicks has recorded various 5 minute fitness activities

<https://www.jumpstartjonny.co.uk/home> - some videos are free – dances, workouts, fitness challenges

<https://www.youtube.com/user/CosmicKidsYoga> - Yoga and mindfulness for kids