Computer Technology

Online Safety

Task1: Research internet safety, then design your own internet safety rules posters including information about your digital footprint.

Algorithms

Task 2 : Cup of Tea Algorithm
Write a precise set of instructions to solve a problem or make something happen.
Include pictures with your instructions
You can make up a set of your own instructions to solve something.

Definitions

Find the definitions of the following words which are used in Computer Technology

Processing
Output
Program
Algorithm
Multimedia
Hyperlink
Command

RE

I can find out about the Islam religion

Task 1: Look at Prayer Mat designs then, design your own Muslim prayer mat. Remember that a prayer mat is a very important part of many peoples' religions so your design should be respectful. **Do not use images of living things.**

Task 2: Find out about what people that follow the Islam religion do at the Mosque and how they pray. Design your own Mosque. You can use whatever materials you have to make a model, computer simulation or picture.

Task 3: Research and find out about the **5 pillars of the Islam** religion. Present this however you like.
https://www.bbc.co.uk/bitesize/topics/zpdtsbk/articles/zrxxgwx

Music

Create a band

Task 1: Research into the different elements that make up a band. Create a PowerPoint to show which instruments are played.

Task 2: Create a gig poster inviting people to come and watch your band. Information on the poster needs to include;
Band name
Venue
Cost of ticket
Reasons why people should watch your band

Task 3: Find items from around the house to turn into instruments used in a band. For example, you could use a pan and spoon for the drums and a hairbrush for the microphone. Take pictures of you playing your instruments.

Food Technology

I can find out about what fair trade is and use fair trade products.

Task 1: Find out what fair trade is. Look to see how many food types you can find with the fair-trade logo?

Task 2: Make your own fruit kebab or fruit salad using whichever fruit you prefer. Do you use any fair-trade fruits? You could even cover with fair trade chocolate.

Task 3: Research the impact that fair trade has on different countries. What can you find out about fair trade in the countries of Peru and Colombia? Present your findings however you prefer. You could create a PowerPoint, word document or work on paper,

https://www.bbc.co.uk/bitesize/guides/z2knb9q/revision/8

https://cafod.org.uk/Education/Primary-teaching-resources/Fairtrade

Year 8.3

Oakfield
HIGH SCHOOL & COLLEGE

Home Learning Passport 2

History

I can explore WW1

Task 1: If you were to receive a care box from your family whilst you were fighting as a soldier what would be inside? Draw and make the contents of your own care box.

Task 2: Using any items around your home create your very own Anderson shelter to protect you from being bombed by the Luftwaffe.
EXT: Justify your design.

Task 3: Using the ration price guide below can you design a family meal which you could make with these ingredients.

CHALLENGE: Could you feed a family of 4 for a day with 5 pence for shopping? Plan your meals and be creative!

Product and Ration	Cost
1 egg	1 pence
Bacon/Ham 110g (4oz)	1½ pence
Cheese 55g (2oz)	1 pence
Sugar 220g (8oz)	1 pence
Meat 110g (4oz)	1½ pence
Margarine 25g (1oz)	½ pence
Tea 160g (6oz)	1 pence
Jam 135g (5oz)	1 pence
Milk 3 pints (1800ml)	1 pint: 4 pence
Sweets 80g (3oz)	1 pence

Geography
I can produce a weather report.

Task 1: Using the observation sheets provided log/collect data from the weather each day Mon-Sun.

You can do this by:

1. Exploring outside and carrying out tests yourself (instructions of how to make you weather station are attached).
2. By listening carefully and simply collecting the information from the daily weather report on the TV/Radio or internet.

Task 2: Watch the met office weather report an example is Monday morning forecast 17/02/20 - Bing video.

Using your findings from Task 1 can you plan how you would deliver the weather forecast?

EXT: How many geographical key weather terms can you include?

Precipitation
Millimetres (mm)
· Temperature
· Celsius (°C)
· Cloud cover
· Oktas
· Wind speed
· Wind direction
· Miles per hour (mph)
· North, south, east, west
· Visibility
· Metres
· High pressure
· Low pressure
· Millibars

Task 3: Can you now video yourself and produce your weather report?

EXT: Explore Weather further with David Attenborough:

https://www.bbc.co.uk/iplayer/episode/p08xc2xh/a-perfect-planet-series-1-3-weather

Art
Explore Aztec art

Task 1: Look at repetitive patterns in your house on wallpaper, clothes, rugs etc. How many can you find?

Task 2: Draw your own repetitive pattern

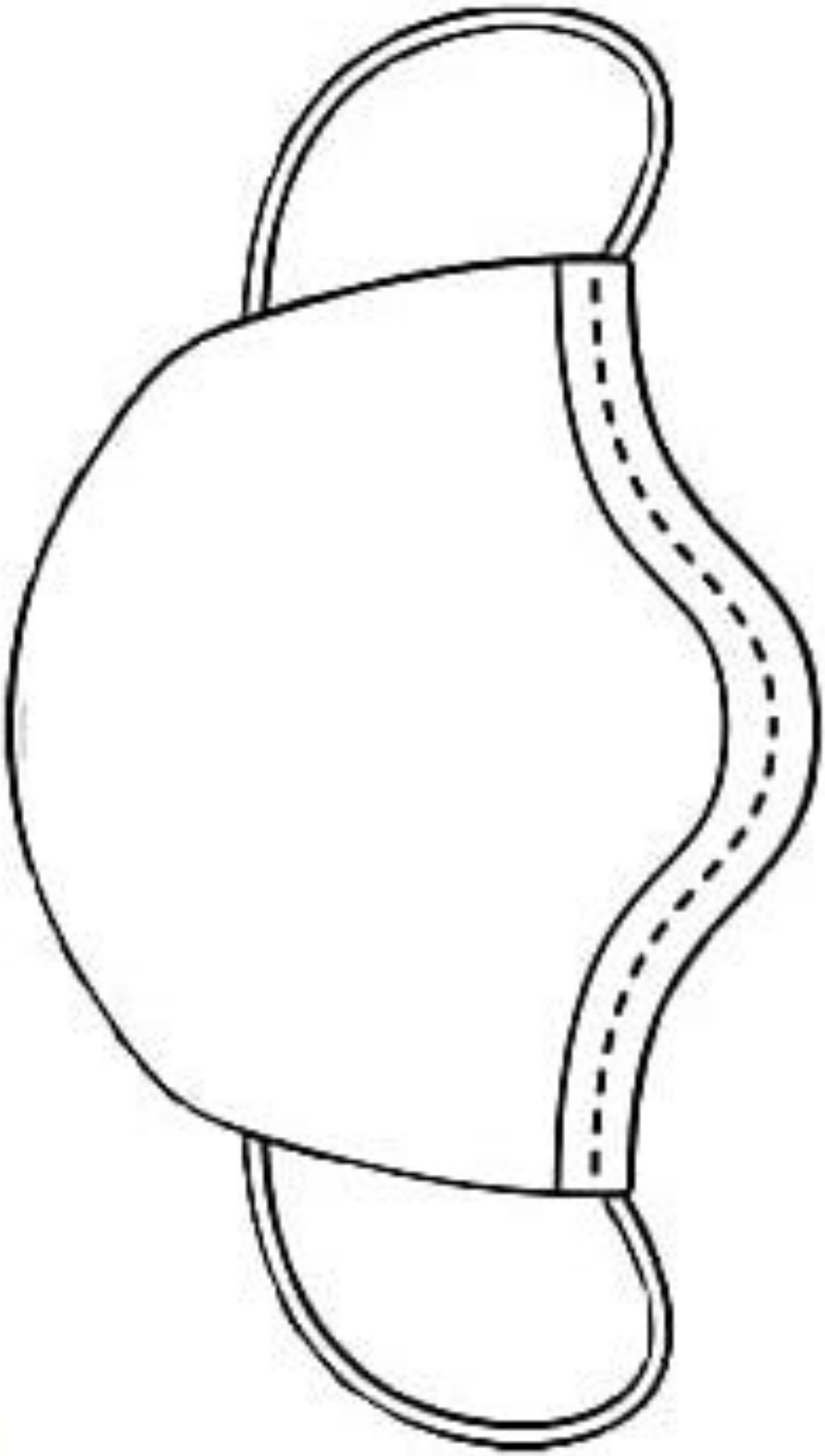
Task 3: Create your own Aztec inspired face mask using the face mask template on this passport. If you don't have a printer, draw your own.
Think about adding bright colours and repetitive patterns. You could also add animals such as snakes to signify the gods.

Take a picture of your design and upload it to our teams page.

Modern foreign languages

Task 1: Login to Linguascope following the link below:
https://www.linguascope.com/default.htm
Please select Spanish flag on the beginner section and work on the family section. You can play interactive games against the computer. Can you beat the computer?!
Username: oakfieldhs
Password: lang2021

Task 2:
To design your own family tree.
This can include a famous family tree such as the Simpsons. I want to see your best drawing and lots of colour!

Task 3:
Can you label the hair colour and age of the people in your family tree? If you are struggling to remember the Spanish colours and numbers please look at the colour and number section on linguascope or use Google.

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