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CREATIVE CHALLENGES

Activities to support creative thinking.

MADE TO MEASURE

In this challenge, I would like you to design a new outfit for yourself, or a member of your family. Be creative! Search the internet for inspiration, but try to be original and inventive with your ideas.

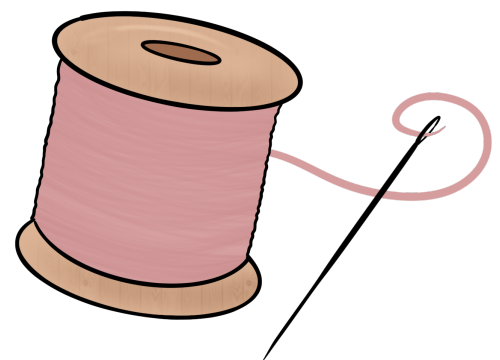
You only need to draw out your designs and annotate them with information, but if you want to go ahead and try creating your design, with the help of someone at home, then feel free to. I would love to see your finished designs.

POINTS TO CONSIDER:

- Who would wear the garment?
- Where would they wear it?
- What type of fabric it'll be made of?
- What colours complement each other.
- How can the person get into or out of it? Think about using zips, buttons, elastic etc.
- Think about sustainability. Can you use recycled materials? Old curtains, shirts, recycled buttons or zips etc.
- Think about the wearability. Is it actually wearable?
- What accessories would be worn with it?
- Can it be reused?

INSTRUCTIONS

1. Choose who you want to make the garment or outfit for.
2. Measure your family member and write down the measurements in cm.
3. Read the points to consider above
4. Draw, colour and annotate your design with your ideas.



DESIGN AN APP

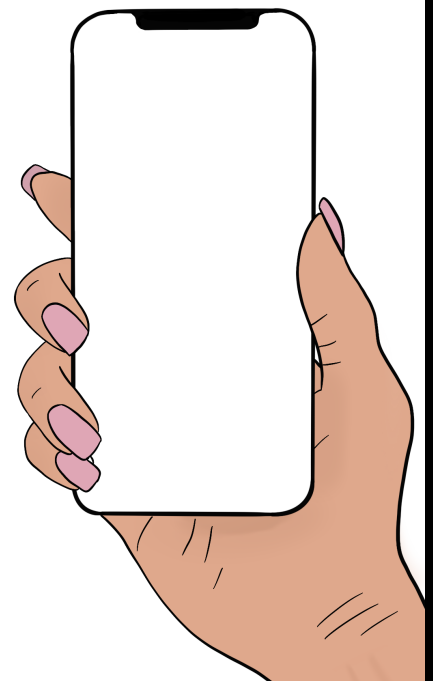
In this challenge, I would like you to design a new app. Be creative! Search the internet for inspiration, but try to be original and inventive with your ideas.

POINTS TO CONSIDER:

- Who would use the app? Who are your target audience?
- What type of app would it be?
- What would people use it for?
- What category would it fall under?
- What will you call it? If you can, check if an app with this name already exists.
- What will each page look like?
- What will your app icon look like?
- How is your app different to what is already out there?
- How would you earn money from it?

INSTRUCTIONS

1. Read the points to consider above and answer the questions.
2. Draw the app icon and give your app a name.
3. Draw out what each page would look like and annotate each page, describing what they do.



DESIGN YOUR FUTURE HOME

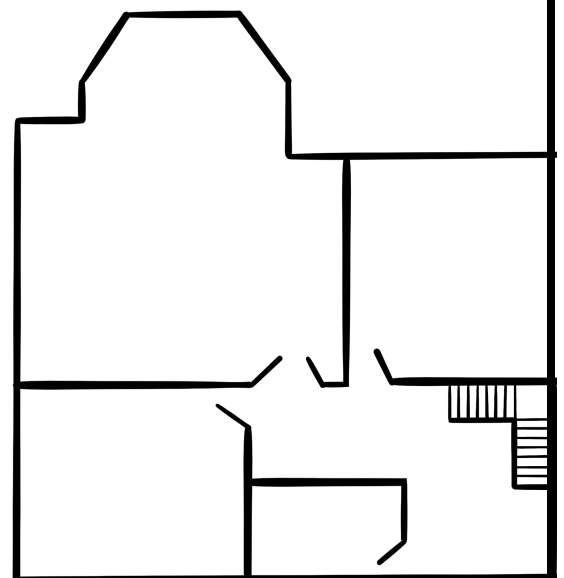
In this challenge, I would like you to design your future home. Be creative! Search the internet for inspiration, but try to be original and inventive with your ideas.

POINTS TO CONSIDER:

- Where would your house be located?
- What direction will your house face?
- What materials will you use?
- What rooms would you have? How many floors would you have?
- Will it be open plan with large open spaces or lots of individual rooms?
- Think about the width, length and height of each room.
- Think about lighting and using the natural light.
- Think about the style. Will it be contemporary or traditional?
- Do you have enough storage space?
- Where would you exit and enter the house?
- Think about sustainability. How can you make this house environmentally friendly? How will you heat it?
- What do you want the garden to look like?

INSTRUCTIONS

1. Read the points to consider above and answer the questions.
2. Draw, colour and annotate your design with your ideas.
3. Try to create your house in Sketchup or Tinkercad online.



ECO FRIENDLY PRODUCT

In this challenge, I would like you to design a product that is environmentally friendly.! Search the internet for inspiration, but try to be original and inventive with your ideas. It can be based on an existing product or you can create something entirely new.

POINTS TO CONSIDER:

- Think about something you or your family use that is not environmentally friendly. How could you make this item less damaging to the environment? You can now buy shoes made from plastic waste from the ocean.
- What materials will you use? Are they eco-friendly? Can you use recycled materials e.g., recycled plastic or old items you no longer want?
- How much energy does your product use? Will your product use any renewable energies e.g., solar power?
- Make sure your product does not pollute the environment.
- Think about the style. How will people know it is eco-friendly?
- How are you going to package your product? Think about materials used and the size of the packaging.
- Can the product be recycled, or will it decompose when it is no longer needed or wanted?

INSTRUCTIONS

1. Read the points to consider above and answer the questions.
2. Draw, colour and annotate your design with your ideas.
3. Draw your packaging and explain why you chose this type of packaging,



DESIGN A GAMEBOARD

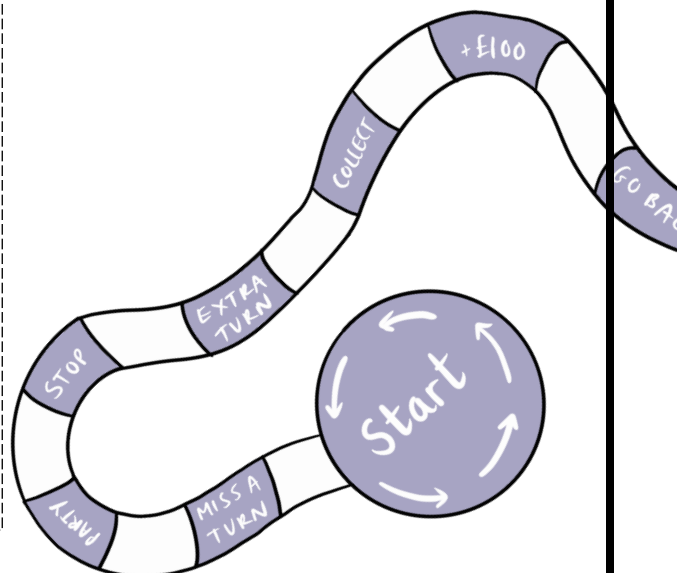
In this challenge, I would like you to design a gameboard to play with your family. Search the internet for inspiration, but try to be original and inventive with your ideas. It can be based on an existing game or you can create something entirely new.

POINTS TO CONSIDER:

- Think about the game style. Is it a game where you have to race to the end? Do you need to work together? Do you need any strategies to win? Will it be a word game or a numbers game? Will there be any money element to the game?
- Think about how many people will be playing the game.
- Think about the style. What colours will you use? What shape will your gameboard be? What dimensions do you want it to be? What materials will you use? Make sure counters or moveable pieces fit your game board. If you need some dice, you can use an online dice.
- How do you play the game? What are the rules? How do you know who has won? How do you win?
- How are you going to package your product? Think about materials used and the size of the packaging.

INSTRUCTIONS

6. Read the points to consider above.
7. Draw, colour and annotate your gameboard design with your ideas.
8. Write out the rules or instructions so that they are easy to understand.
9. Create your boardgame.
10. Draw your packaging and explain why you chose this type of packaging,



BOX OF CHOCOLATES

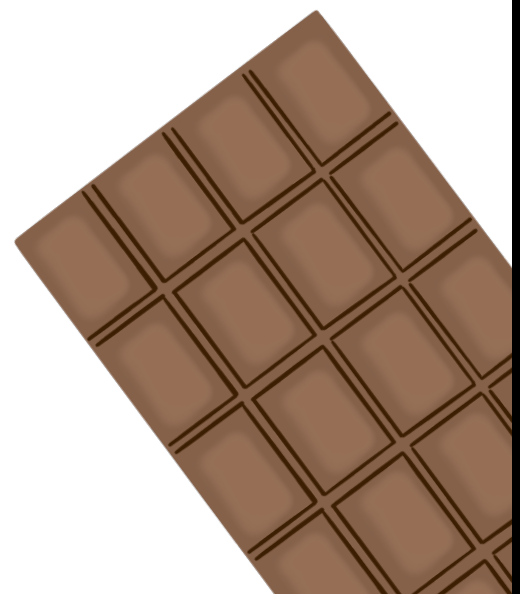
In this challenge, I would like you to design a new box of chocolates for a specific occasion e.g., red chocolates for Christmas. It can be as original as you want. Search the internet for inspiration, but try to be original and inventive with your ideas. It can be based on an existing food or you can create something entirely new.

POINTS TO CONSIDER:

- Think about the size, shape, flavour, filling and colour of the chocolates.
- What will you call them?
- How will people know what flavour each chocolate is? Think about where you could put this information.
- Who is your target audience? Are they luxury chocolates for special occasions or are they everyday chocolates?
- What percentage of cocoa is in your chocolates? Are they suitable for people with a vegan or vegetarian diet? Think about people with allergies such as nut or milk allergies.
- Think about the style of your packaging. What colours will you use? What shape will your box be? What dimensions do you want it to be? What materials will you use? How will the chocolates be arranged in the box

INSTRUCTIONS

1. Read the points to consider above.
2. Draw, colour and annotate your chocolate design with your ideas. Sketch out what your box will look like.
3. Create a mini brochure/leaflet which gives information about each chocolate.
4. Create your chocolates either with real ingredients or with whatever materials you can find around the house.



CREATE A BUSINESS

In this challenge, I would like you to design your own business. If you were to open your own business in the future, what type of business would it be? It could be similar to a business that already exists, or it could be something completely new.

POINTS TO CONSIDER:

- Think about whether you would like to sell products (physical items such as clothes) or a service (doing something for someone e.g., website creator).
- What are your strengths? What skills do you have? Are you confident communicating with people? Are you good with technology? Do you enjoy maths? What are you passionate about? What are you interested in?
- How will you make money? How could you advertise?
- How can you make sure that your company isn't having a negative impact on the environment?
- Who is your target market? Who will be buying your product or service?
- Where will you sell your products or service?
- Research some of the things you need to do before setting up a company/business.

INSTRUCTIONS

1. Read the points to consider above.
2. Draw, colour and annotate your chocolate design with your ideas. Sketch out what your box will look like.
3. Create a mini brochure/leaflet which gives information about each chocolate.
4. Create your chocolates either with real ingredients or with whatever materials you can find around the house.

