Subject:

STEM
(Science, Technology, Engineering, Maths)

Monday:

Draw a picture of a big plate and then draw what you had for dinner last night.

➢: Find out what type of foods you ate for your meal e.g. dairy product, protein, carbohydrate. Can you find out why your body needs these types of food?

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➢➢➢: Find out what type of foods you ate for your meal e.g. dairy product, protein, carbohydrate. Can you find out why your body needs these types of food? Can you explain how much of each food type we need in our diet and explain why? Can you create another healthy plate for a balanced breakfast? Label it with the food groups.

Tuesday:

Watch this video https://youtu.be/xOKr462HLc0 about materials.

➢: Think up some silly products, such as a chocolate teapot. It would melt as soon as you added hot water. Draw pictures of your ideas. How many silly ideas can you come up with?

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➢➢➢: Think up some silly products, such as a chocolate teapot. It would melt as soon as you added hot water. Draw pictures of your ideas. How many silly ideas can you come up with? Label your ideas with the key features. How would you convince an adult your product would work? Write a paragraph about your silly product to convince an adult that it would actually work for its purpose!

Wednesday:

Go outside and use chalk to draw around someone's body or draw the outline of a body on a big piece of paper.

➢: Can you draw what is inside your body and then label it? What does each part do?

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➢➢➢: Can you draw what is inside your body and then label it? What does each part do? Are there different names for different groups in the body e.g. skeletal system? Can you name them and write a sentence explaining what each group does? Can you now research the human body and write down 5 interesting facts that you found out.

Thursday:

Design and make a paper aeroplane that will travel the furthest. Use this resource https://www.stem.org.uk/resources/elibrary/resource/443333/make-it-fly to help you.

➢: Design and make your paper aeroplane and take it outside. Throw it and measure how far it travels? How could you make it travel further? Could you change the way you throw it?

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➢➢➢: Design and make your paper aeroplane and take it outside. Throw it and measure how far it travels? How could you make it travel further? Could you change the way you throw it? Could you change your design? Research what makes a paper aeroplane fly? Write a paragraph explaining what happens, try to include some scientific language e.g. gravity.

Friday:

Look outside. Can you see how the trees and plants are changing? What flowers can you see?

➢: Draw a picture to show that spring is here. Label what you have drawn.

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➢➢➢: Draw a picture to show that spring is here. Label what you have drawn. Can you write a few sentences explaining spring as a season? How is it different to the other seasons? Now research photosynthesis. What is it? How does it help plants and trees to grow? Can you draw a diagram that shows how photosynthesis works?