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April 2020

# Week 2 #SolveItWithSTEM@Home

## Colouring and Experiment Pack

*featuring Eddie the STEM Guru*

Hey...my name's Eddie and I am a Process Operator. I am part of the STEM Team alongside Alice.

We have included a few questions this week...answers will be provided in next week's pack!

There are also two experiments this week, **REMEMBER, you must do them safely and with an adult present.**

Eddie's lab coat is never this clean usually.  
Draw the **stains** on!



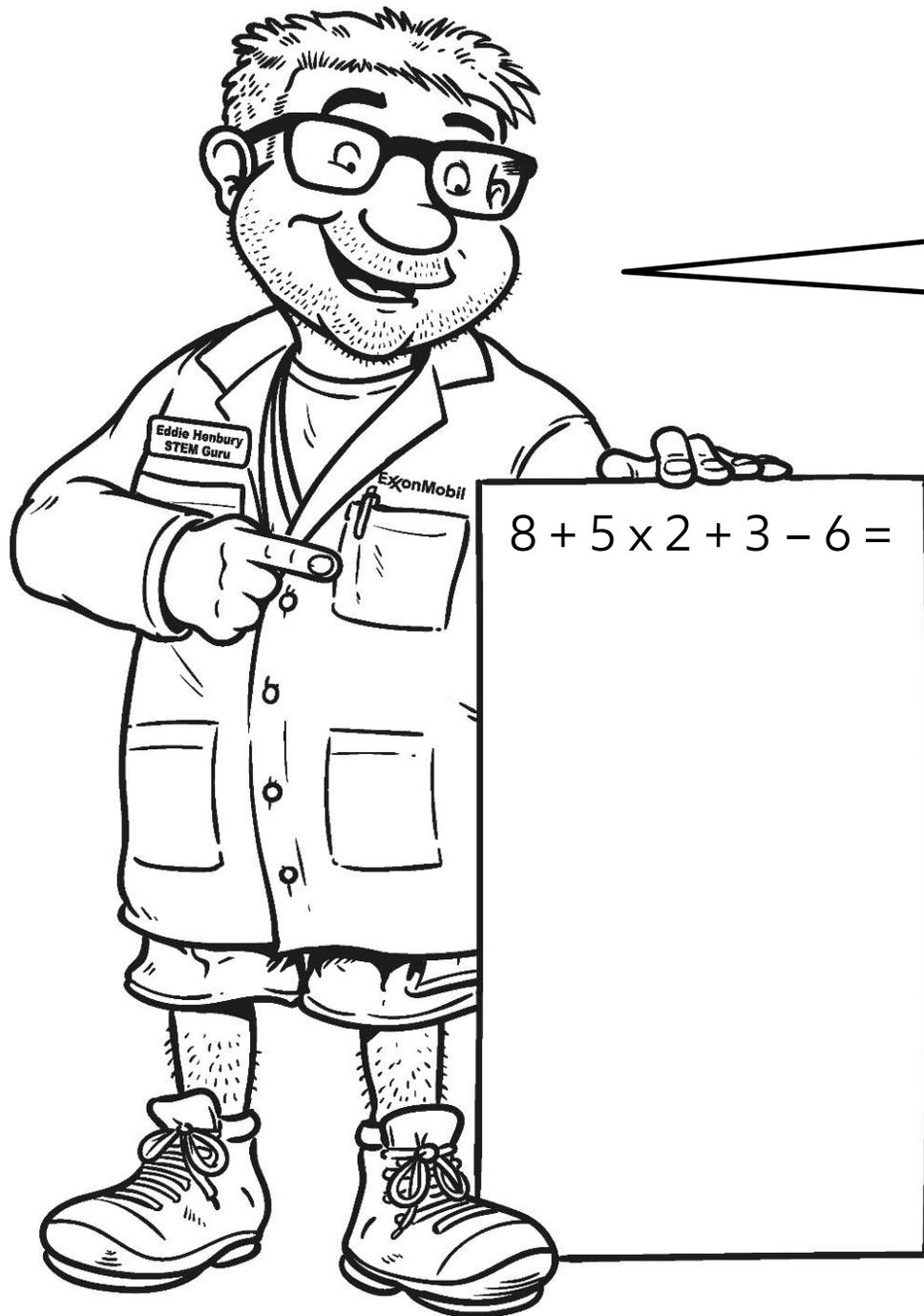
Hi guys...Meet Rex!

Can you guess what  
dinosaur he is?  
(Clue is in the name!)

Do you know how long  
ago he used to live?

Can you think of two  
places where you can  
see him today?





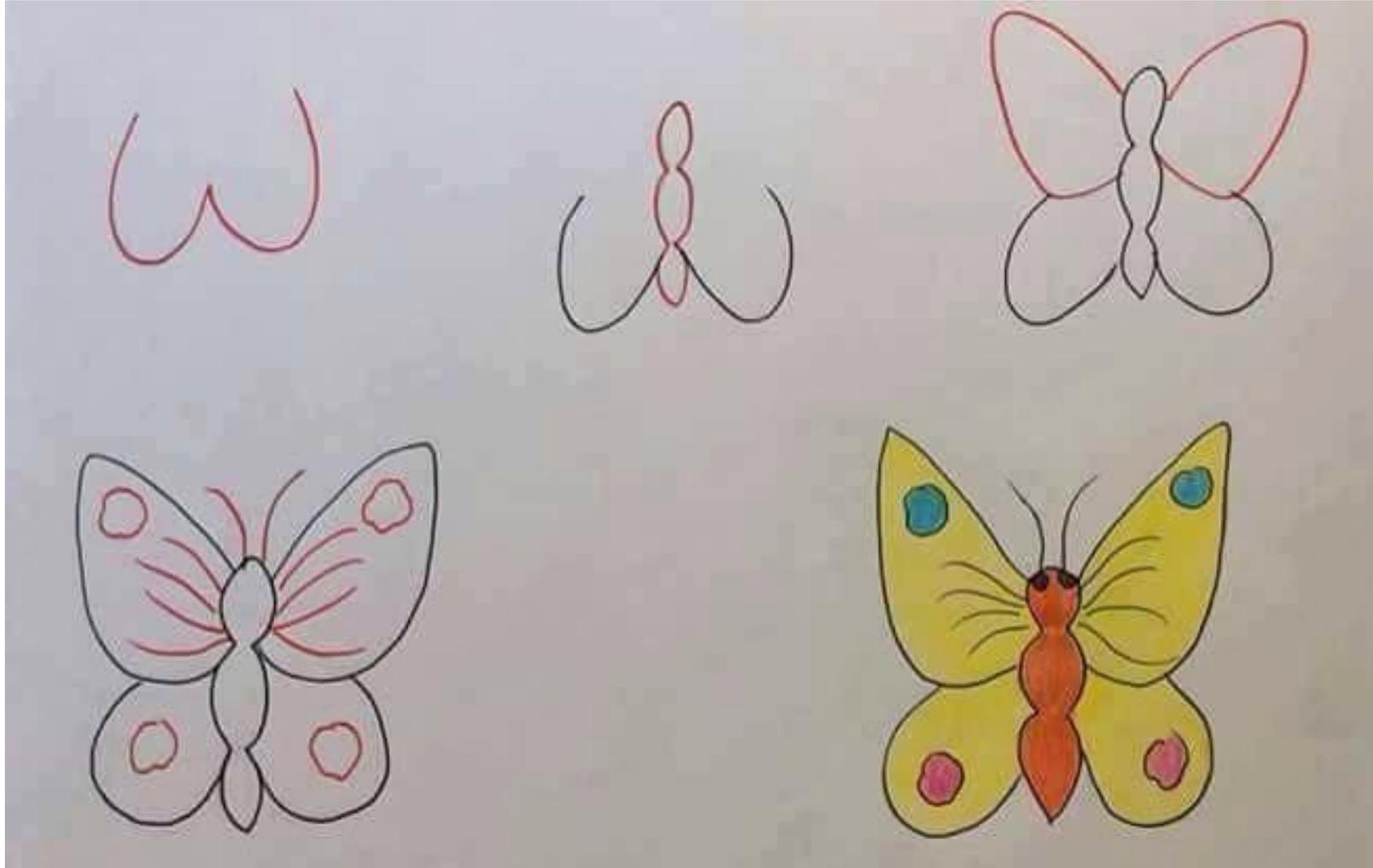
Why don't you give this maths question a try...

Remember to use BODMAS...

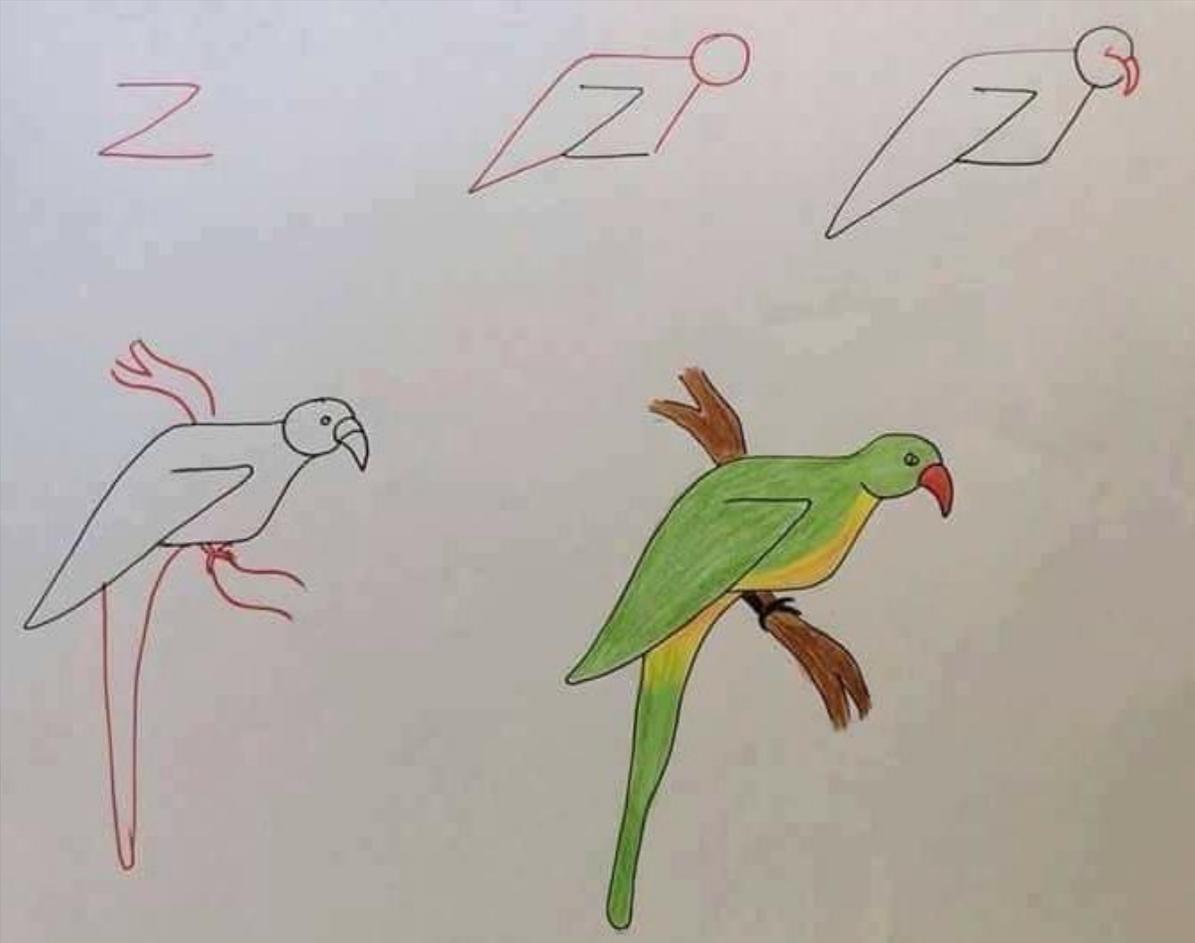
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Have you seen any butterflies in your garden? Why not have a go at drawing one ....



This looks like an exotic bird. Have you seen one in a zoo or perhaps when you have been away on holiday? Try and draw one ....



# Experiment #2: Making edible slime

(Make sure this experiment takes place **alongside an adult!**)

## Items Required:

- Condensed milk
- Cornflour
- Sauce pan
- Food colouring

## Instructions:

- Pour the 400ml (tin) of condensed milk into the sauce pan.
- Add the 1 tbsp. of cornflour and mix – add additional corn flour if needed to thicken.
- Once it is a good consistency, allow the mixture to cool.
- Add the food colouring and mix it in.

Now you have a good slimy mix which is great to play with and even safe enough to eat – **but please check with your parents first to make sure you are not allergic to any of the ingredients.**



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# Experiment #3: Making putty slime

(Make sure this experiment takes place **alongside an adult!**)

## Items Required:

- Cornflour
- Shampoo
- Washable glue (PVA)
- Hand or body lotion
- Bowl

## Instructions:

- Put 1 cup (120g) of cornflour and 1 cup (240ml) of shampoo into a bowl.
- Mix the two together well.
- Put ½ cup (60g) of washable glue (PVA) and 1 tbsp. of hand or body lotion into a bowl.
- Mix all together into a mouldable slime.

**DO NOT EAT THIS SLIME!**



We hope you enjoyed the Week 2 activities.

Week 3 will be coming soon.

Best wishes

The ExxonMobil Fawley #SolveItWithSTEM Team!