

# Year 5 Home Learning

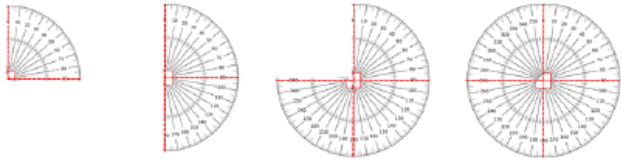
Date: Monday 8<sup>th</sup> June

Follow this sheet to visit a topic from year 5 maths. Complete as much as you feel confident doing.

## L.O: Angles on a point.

1

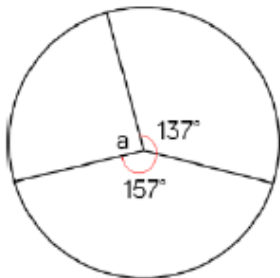
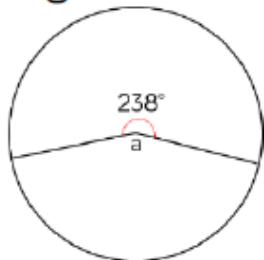
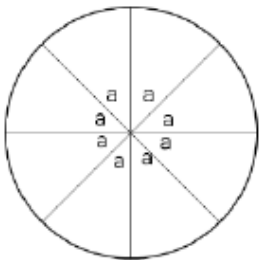
Complete the sentences.



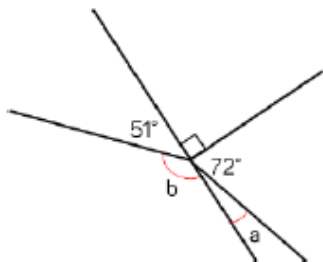
$\frac{1}{4}$  of a turn = 1 right angle =  $90^\circ$   
 $\frac{1}{2}$  of a turn =    right angles =   °  
   of a turn = 3 right angles =   °  
 A full turn =    right angles =   °

2

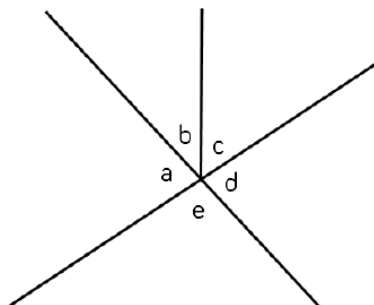
Calculate the missing angles.



Calculate the missing angles.



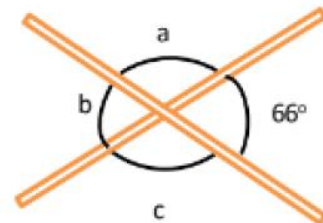
3



$a + b + c + d + e = 360^\circ$   
 What other sentences can you record?

4

Two match sticks are on a table. Without measuring, find the three missing angles.



5

The code for the lock is 50, 25, 75, 0, 50



Write instructions of the turns in degrees that you must do to open the lock.

Can you create your own combination for your partner to record instructions?

# English – Instructional writing

## To identify the key features of instruction texts.

By the end of this week we would like you to be able to write a set of instructions for something you like doing at home! This could be gardening, baking, playing a board game, building a Lego model, cooking a meal etc.

So...Task 1

Read the next slides which is an example text about monster trucks.

As you read the slides make a list of the key features and key words of an instructional text.

What makes this a set of instructions?

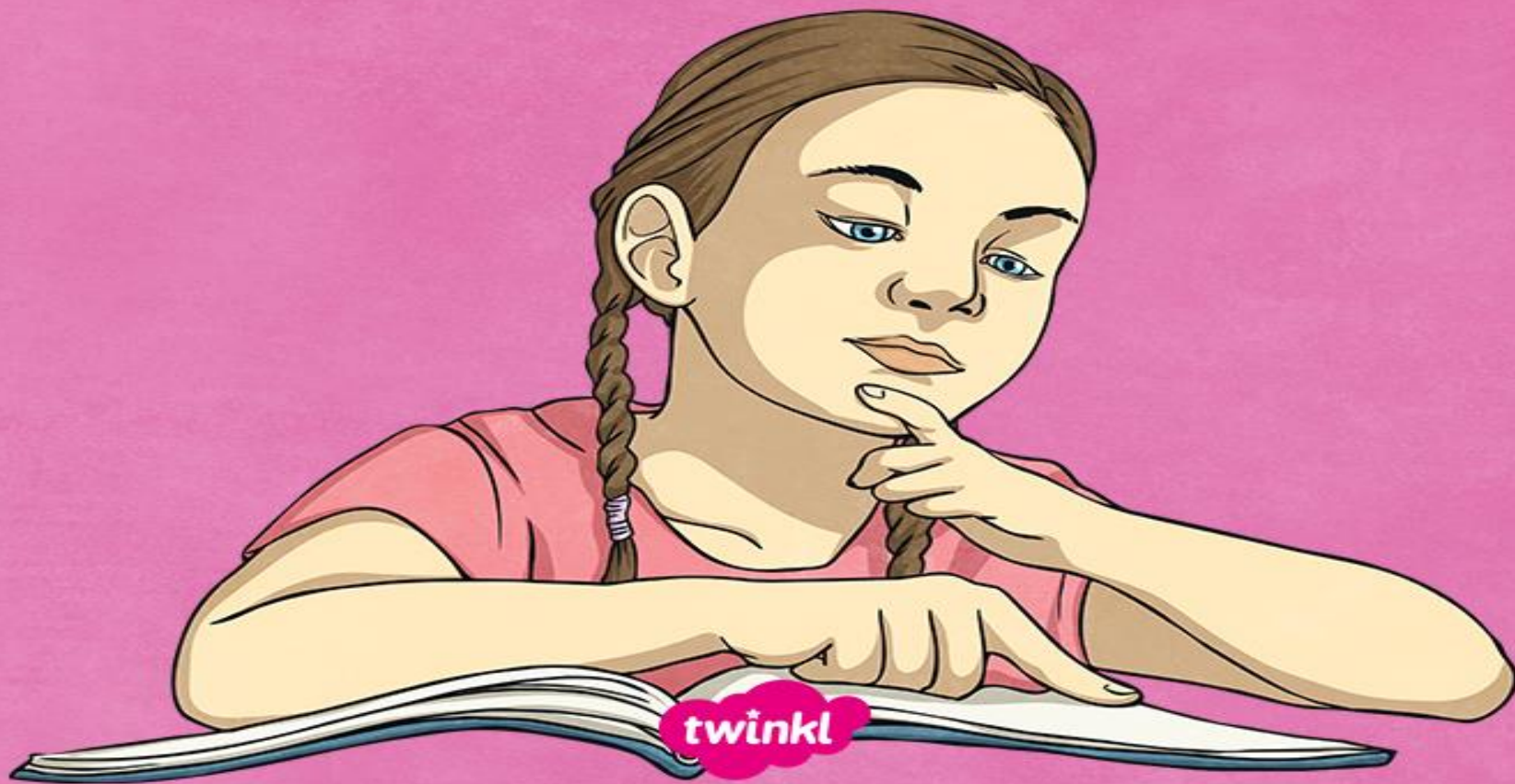
What are the key features?

How do you know that they are instructions?

e.g.

Feature	Key words

# Y5 Instructions: Example Text



## Y5 Instructions: Example Text

### How to Fix a Puncture on a Monster Truck

Have you ever had a puncture on a bicycle or seen a flat tyre on a car? Imagine if the puncture was on the huge tyre of a monster truck. How would you fix the puncture and get the truck back on track performing stunts and crushing cars? Follow these instructions and you will find out how to fix it!

#### You will need:

- a very large container of warm water (a paddling pool would be ideal)
- a strong rubber patch
- a piece of sandpaper
- some chalk
- a coloured wax crayon
- rubber solution (similar to glue)



#### Method

1. Firstly, remove the tyre from the truck with the help of several strong people, who are able to help to lift the truck off the ground.
2. Perform a thorough check to see if any sharp objects remains stuck in the tyre and carefully remove them if necessary. This is particularly important if the truck has been driving over other vehicles.
3. If the source of the puncture is not clear, you will need to locate it by reinflating the tyre with air. An electrical pump could speed up this process considerably.
4. After inflating, try looking or listening for any air leaking out. This may involve the use of a small stepladder to reach the top of the tyre.
5. Alternatively, submerge the tyre under water in a very large container such as a paddling pool. Any leaking air can be identified by bubbles rising to the surface of the water.

## Y5 Instructions: Example Text

6. Once the puncture is located, mark the affected area with a piece of chalk or wax crayon. Keep the chalk nearby for later.

7. Next, take the sandpaper and lightly rub around the damaged area to roughen the surface.

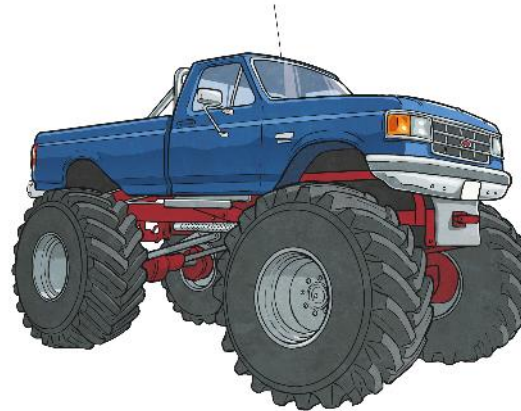
8. Spread the rubber solution over the area then allow a few seconds for it to become tacky and achieve the correct consistency.

9. Use the chalk, which you set aside earlier, to absorb any excess water or liquid.

10. Remove the patch from its packet, making sure not to get any dirt on it, then place it over the puncture and smooth it down carefully until securely stuck down. Be sure to apply it meticulously into any deep ridges of the tyre.

Your tyre is now ready to be returned into place and your truck should be ready to go crushing again!

Warning: If you ever actually own or drive a monster truck, always remember to ask an expert before trying to fix any part of it yourself!



## **How to Fix a Puncture on a Monster Truck**

Have you ever had a puncture on a bicycle or seen a flat tyre on a car? Imagine if the puncture was on the huge tyre of a monster truck. How would you fix the puncture and get the truck back on track performing stunts and crushing cars? Follow these instructions and will find out how to fix it!

## You will need:

- a very large container of warm water (a padding pool would be ideal)
- a strong rubber patch
- a piece of sandpaper
- some chalk
- a coloured wax crayon
- rubber solution (similar to glue)



## Method

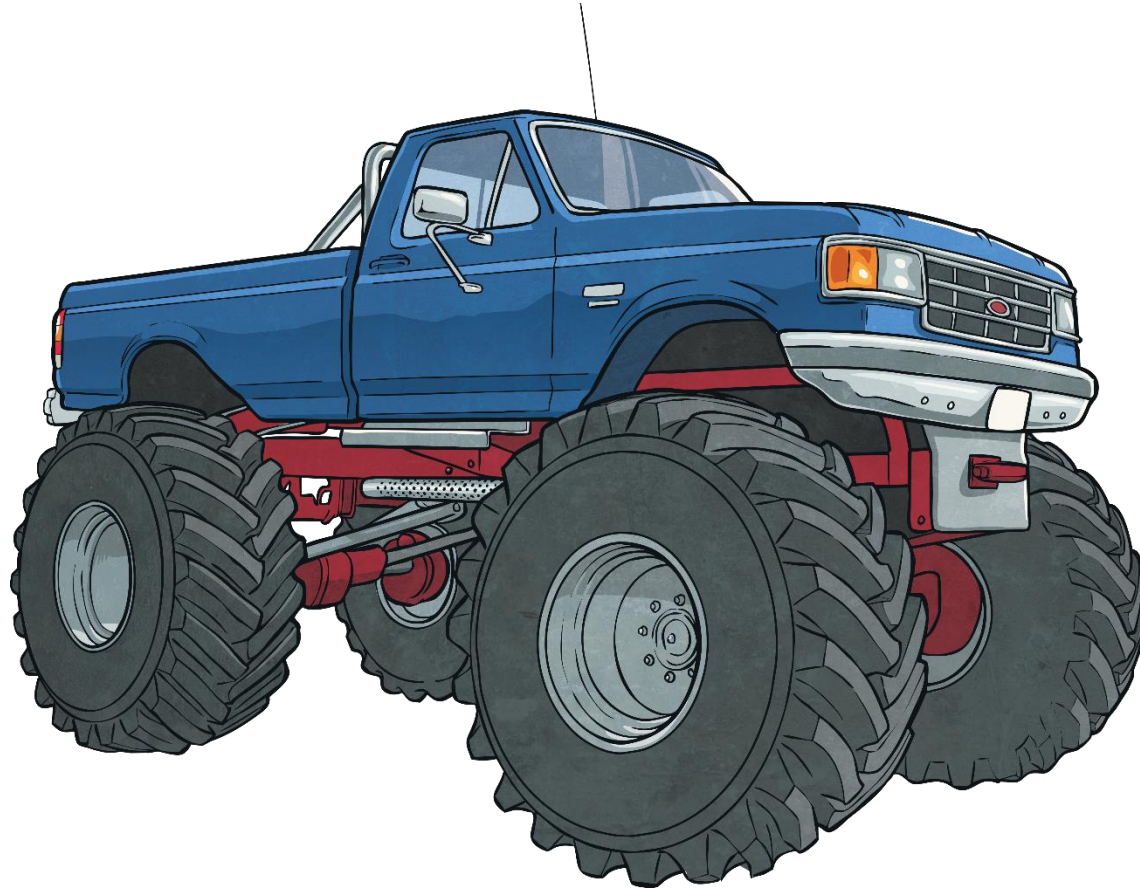
1. Firstly, remove the tyre from the truck with the help of several strong people, who are able to help to lift the truck off the ground.
2. Perform a thorough check to see if any sharp object remains stuck in the tyre and carefully remove them if necessary. This is particularly important if the truck has been driving over other vehicles.
3. If the source of the puncture is not clear, you will need to locate it by reinflating the tyre with air. An electrical pump could speed up this process considerably.
4. After inflating, try looking or listening for any air leaking out. This may involve the use of a small stepladder to reach the top of the tyre.
5. Alternatively, submerge the tyre under water in a very large container such as a paddling pool. Any leaking air can be identified by bubbles rising to the surface of the water.



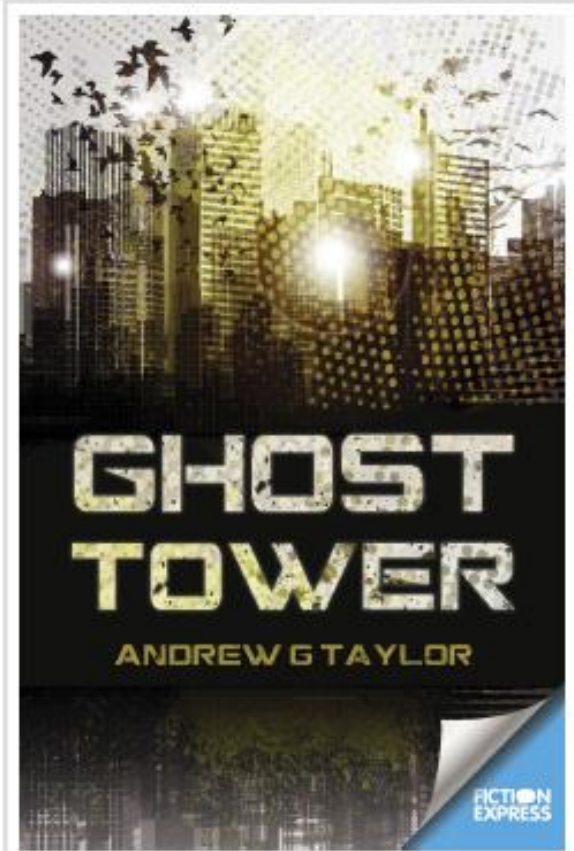
6. Once the puncture is located, mark the affected area with a piece of chalk or wax crayon. Keep the chalk nearby for later.
7. Next, take the sandpaper and lightly rub around the damaged area to roughen the surface.
8. Spread the rubber solution over the area then allow a few seconds for it to become tacky and achieve the correct consistency.
9. Use the chalk, which you set aside earlier, to absorb any excess water or liquid.
10. Remove the patch from its packet, making sure not to get any dirt on it, then place it over the puncture and smooth it down carefully until securely stuck down. Be sure to apply it meticulously into any deep ridges of the tyre.

Your tyre is now ready to be returned into place and your truck should be ready to go crushing again!

Warning: If you ever actually own or drive a monster truck, always remember to ask an expert before trying to fix any part of it yourself!



# Other/Extra: Reading



## Today

We would like you to read Chapter 2 of Ghost Tower. This may take some time, so if needs be, keep coming back to it during the week and then complete the activity, following the completion of the chapter, at the end of the week!

Chapter 2 – Eyes of the Dragon (see other attachment!)

Fiction Express is an online reading platform, that school buy into, enabling all the children to read the text together, across the year group!