

Monday

'Cracking Contraptions'

This week in English, we are going to be looking at explanation texts in more depth.

Watch this video of Wallace and Gromit's 'Cracking Contraptions.'

<https://www.youtube.com/watch?v=jknWm0FLWbw>

This week you are going to invent a 'cracking contraption' of your own with an explanation of how to use it.

Today you need to draw and label a diagram of your cracking contraption. Save this for later.

© Explain your invention to a grown up or sibling!

Tuesday

'How to Fly a Hot Air Balloon'

<https://www.theschoolrun.com/what-is-an-explanation-text>

Chris Packham Explains how to use an explanation text to describe how something is used.

Read through the explanation text 'How to fly a Hot Air Balloon'. Keep an eye for clues that might have let you know what type of text it is.

What features of an explanation text did you spot?

© Find example of language that you could use for your machine, for example

~~A hot air balloon consists of a basket, four big gas tanks, a burner and the balloon or 'envelope'.~~

A Shopper 13 consists of a shopping basket, remote control wheels and robotic arms.

How to Fly a Hot Air Balloon

A hot air balloon consists of a basket, four big gas tanks, a burner and the balloon or 'envelope'.

First, the pilot puts four nylon poles into sockets on top of the basket. Then she puts the burner on top of the poles. Next, she connects the cables to the burner frame. The cables also go under the basket in order to hold everything together.

After this, she connects the hoses from the full gas tanks to the burner so that she can test it.

Next, two people hold the mouth of the balloon open while it is filled with cold air from the fan until it is quite fat and tight.

Now for the difficult bit. The pilot lies on the ground, half in the basket. She turns on the gas burner and points the flame into the 'mouth' of the balloon. This is so that the balloon slowly stands up.

When the pilot is ready to go, she heats up the air in the balloon a bit more. This results in the air in the balloon to be hot enough to get the balloon to rise off the ground.

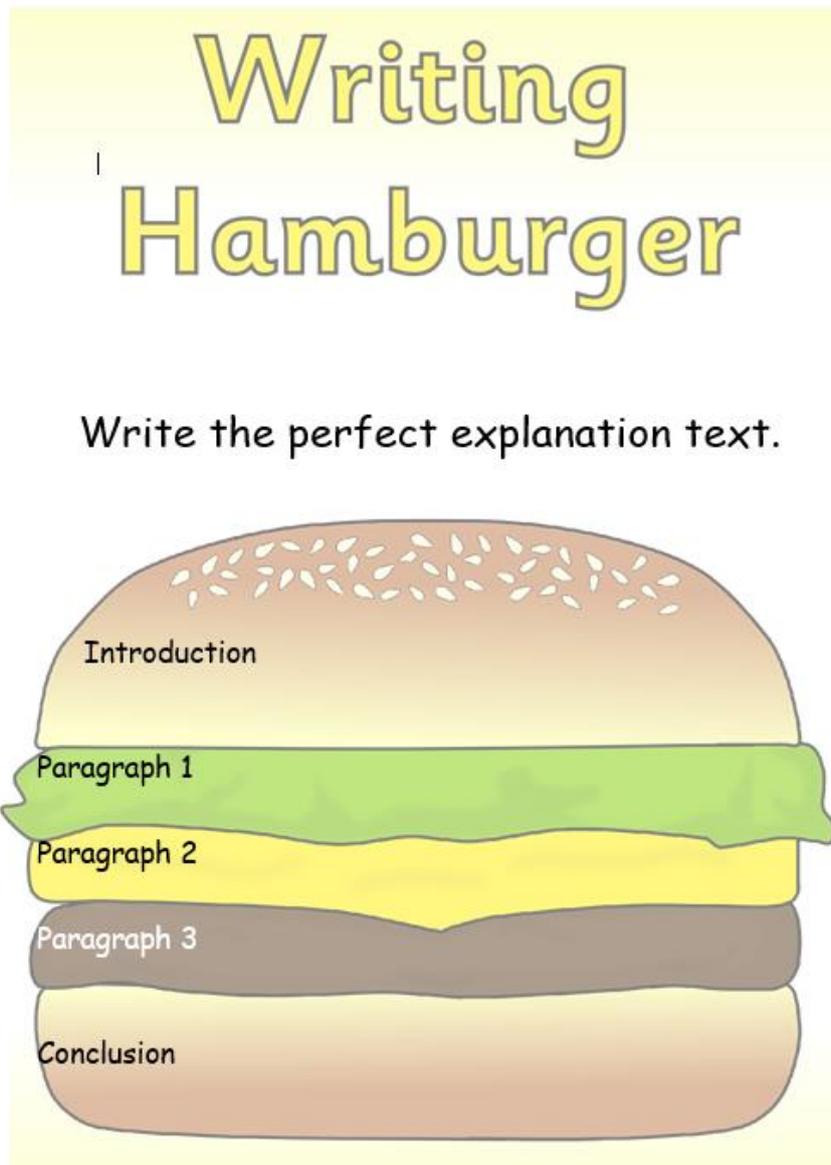
Wednesday

Planning

Today you are going to plan your explanation text for how to use your cracking contraption.

Remember that we are aiming to go further in depth than we did last week, so try to include lots of interesting details about your machine!

© Can you come up with an interesting title?



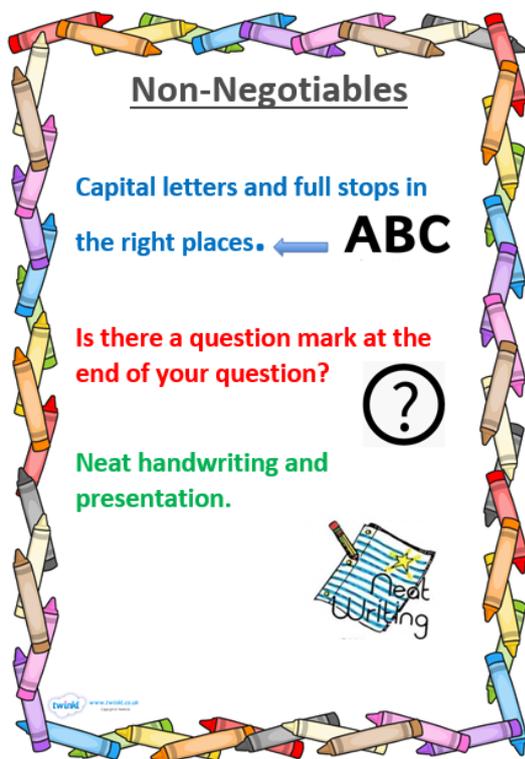
Thursday

Writing your explanation text.

Today you are going to write your explanation text.

Look back at your text from last week and the guide on how to use a hot air balloon. Be competitive with yourself and try to create a better piece of work this week!

Remember to use the year 4 non negotiables in your writing and our ACE writing targets!



**WORD
POWER**

Punctuation
POWER

Writing
STAMINA

Friday

Today, we would like you to practise spellings with the prefix –inter

Stage: 4	The prefix 'inter-' means between, amongst or during.			
List: 5	Name: _____			

Spellings	Ask someone to time you. Can you find your spellings hidden in the grid? How long did it take? Try it again and improve your speed!			
interact	international	impossible	electricity	interchange
intercity	simplistic	interface	interact	diversity
international	intercity	interfere	action	intercom
interfere	changeable	inactive	interspersed	internet
interview	intercept	facial	interview	interesting
intercept	interface			
intercom				
internet				
interchange				
interface				
Which new word in the grid follows the same spelling rule as the spelling list?				

Match the definition with the meaning:

intergalactic		A global, online computer network.
interview		Relating to, or moving between, two or more galaxies in the universe.
international		A process that occurs when you want to get a job.
internet		Existing, occurring or carried out between nations.

© Can you use a dictionary to find definitions for some of your other spellings?