**What to do today**

*IMPORTANT Parent or Carer – Read this page with your child and check that you are happy with what they have to do and any weblinks or use of internet.*

**1. Read and order an explanation**

* Read *Toaster Explanation.*
* Cut out and put the sections in order so that the explanation makes sense. Watching this video might help you:

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

Share your work with a grown-up. Do they agree that the explanation makes sense? You can check your answers at the end of this pack.

**2. Read an imaginative explanation**

* Read *Imaginative Toaster Explanation***.** This is from a book that gives comic explanations for everyday items.
* Make a diagram that could go with this imaginative explanation. Label your diagram to show the different stages and what each part is doing.

**3. Plan and write your own imaginative explanation.**

* Choose one of the *Explanation Ideas***.**
* Think about how you could explain this thing in an imaginative (and silly!) way. Try your ideas out loud, ideally telling them to somebody else.
* Now try writing them. Read the *Writing Frame* and use the same pattern to explain your idea.
* Challenge yourself to repeat this with other items from *Explanation Ideas.*

**Try the Fun-Time Extras**

* Make diagrams to go with your writing.
* Choose other things to make up imaginative explanations about. Share your favourites with someone and ask them if they think of their own.

**Toaster Explanation**

*Cut out these paragraphs. Read them and put them in the right order*

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|  |
| --- |
| Then the electricity surges along the path into an **electromagnet**. As the electric current passes through the magnet, it trips the catch that holds down the rack, then… BOING!... The rack springs up and…POP! Out comes tasty toast. |
| A toaster needs electricity to work…so…check it’s plugged in and that the power is switched on. Pop a slice of bread (or 2 if you’re hungry!) into the slots in the top. The bread nestles inside the toaster on a rack that is attached to a spring. |
| As soon as the bimetallic strip and tripping plate touch… POW!... they make an electric circuit, or path. |
| When the elements heat up, so does a strip inside the toaster. As it is made of two different metals, it’s called a **bimetallic strip**. When it gets hot, one of the metal expands more than the other. This makes it bend so it touches the **tripping plate.** |
| The electricity zooms along tiny wires woven together, called **heating elements**, either side of the bread. They are so hot that they start to glow, heating up the soft bread and turning it into toast. |
| ZZZZPP! When you pull the toaster handle down, the spring s-t-r-e-t-c-h-e-s and the rack moves down. CLICK! The rack is now locked in position with a small catch. |

*From Before I Met Dudley – by Roger McGough and Chris Riddell*



**Imaginative Toaster Explanation**

When you put the slices of bread into the toaster and push the handle down, an alarm goes off underground, alerting the toast gnomes who spring into action.

A friendly dragon toasts the bread with his fiery breath (although sometimes he breathes too hard!)

Cog-wheels and conveyor belts, treadmills and telescopes – it’s all so simple!

*From Before I Met Dudley – by Roger McGough and Chris Riddell*

**Explanation Ideas**

*How could you explain these things?*

*Use imagination to create it?*

* How an aeroplane flies
* How bagpipes get their distinctive sound
* How a clock ticks
* How stars shine at night
* How large ships keep afloat
* How bubbles get into fizzy drinks.

*from Until I met Dudley by Roger McGough and Chris Riddell*

**Writing Frame**

This is how a something works.

When you *do something* and *do something else,* a *something does* *something, -ing something* who *does something*.

It’s all so simple!

**Imaginative Explanation**

*Write your explanation here.*

**

**Toaster Explanation - ANSWERS**

*Cut out these paragraphs. Read them and put them in the right order*

|  |  |
| --- | --- |
| 6 | Then the electricity surges along the path into an **electromagnet**. As the electric current passes through the magnet, it trips the catch that holds down the rack, then… BOING!... The rack springs up and…POP! Out comes tasty toast. |
| 1 | A toaster needs electricity to work…so…check it’s plugged in and that the power is switched on. Pop a slice of bread (or 2 if you’re hungry!) into the slots in the top. The bread nestles inside the toaster on a rack that is attached to a spring. |
| 5 | As soon as the bimetallic strip and tripping plate touch… POW!... they make an electric circuit, or path. |
| 4 | When the elements heat up, so does a strip inside the toaster. As it is made of two different metals, it’s called a **bimetallic strip**. When it gets hot, one of the metal expands more than the other. This makes it bend so it touches the **tripping plate.** |
| 3 | The electricity zooms along tiny wires woven together, called **heating elements**, either side of the bread. They are so hot that they start to glow, heating up the soft bread and turning it into toast. |
| 2 | ZZZZPP! When you pull the toaster handle down, the spring s-t-r-e-t-c-h-e-s and the rack moves down. CLICK! The rack is now locked in position with a small catch. |