



# HELLO UNWIN!

Today, we will be showing you an  
experiment with the question:

What's in a nappy?





# APPARATUS

In order to do this experiment we will need:

- ✓ Nappies
- ✓ Water
- ✓ A small and large bowl
- ✓ A ziplock bag

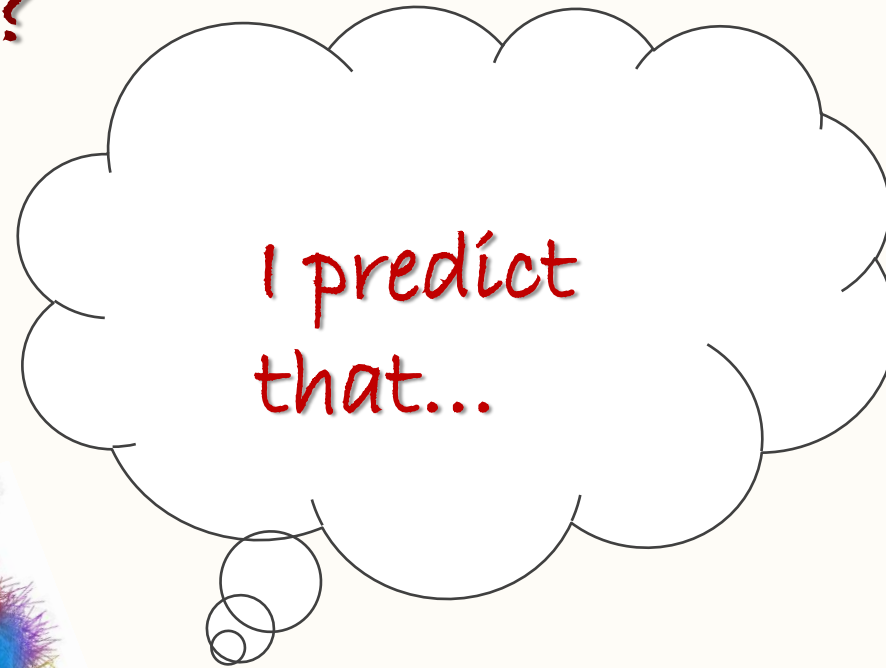
# Method



- 1) First, we need to completely open up the nappies by carefully taking off the thin layer of fabric in the inside of the nappy, using scissors.
- 2) After, shake the nappy in the large bowl. You'll see crystals coming out.
- 3) Then, take the cotton wool out too.
- 4) Place all of this into the ziplock bag and shake it vigorously so that as many of the crystals as possible come out.
- 5) Then, separate the cotton wool and crystals, putting the crystals in the small bowl.
- 6) Add water and...

# PREDICTIONS

What is a prediction?



# SNOW!



<https://www.bing.com/videos/search?q=snow+science+experiment+you+tube&view=detail&mid=0E3ED6062F58B7444B240E3ED6062F58B7444B24&FORM=VIRE>



# OUR RESULTS



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We have seen that the  
crystals have transformed  
into particles of instant snow.



# Conclusion

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*Does anyone know WHY this happens?*

# The science behind it...

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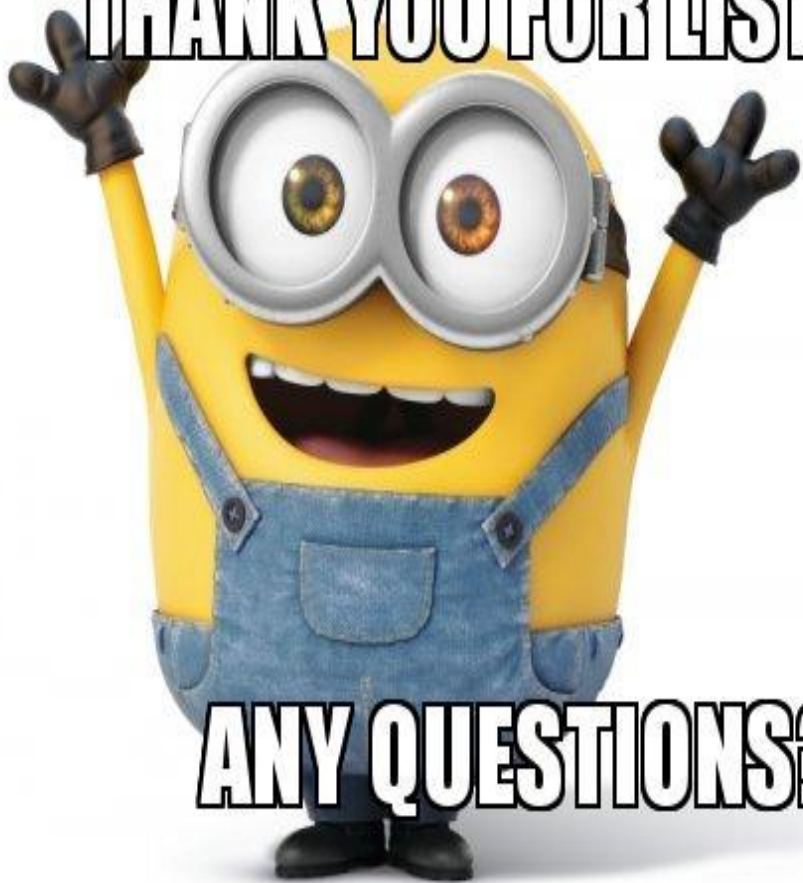
The crystals inside the nappy are purposely designed to be able to absorb liquid.

In fact, these crystals can absorb up to 300 times their own weight!





**THANK YOU FOR LISTENING**



**ANY QUESTIONS??**

makeameme.org





Now, let's have a look at  
the school website and learn  
how to watch the duck cam from  
home  
as well as checking out  
many new puzzles and games!

<https://www.gardensuburbjunior.co.uk/page/?title=Science&pid=330>