

DAY 3 – English/Science

Dear Year 1,

I have been watching you all investigating the case of the missing vegetables. You are foolish to think that you can stop me! I am the most powerful and mischievous pea in all the land, and I will not be stopped!

I have taken some carrots hostage and frozen them solid in ice. They will never escape!

Try and save them if you can!

From

Evil Pea!



For this activity, you will need to cut up and freeze some vegetables in ice (using an ice cube tray will work!) Can you think about when you have seen something melt before? What happened? Where was the ice? Can you think about how we warm something up? What do you use?

Can you think of 4 different ways to melt the ice and then see which method melts the ice the quickest? Here are some ideas:

1. Wrap the ice in a towel
2. Pour hot water on it (with an adult!)
3. Put ice in the sun
4. Sprinkle salt on the ice

Once you have decided on your 4 methods to melt the ice and release the vegetables, set up your experiment and complete the activities below! You will need a timer/stopwatch to time how long the ice takes to melt.

Evil Pea has taken some carrots hostage and frozen them solid in ice!

How could we melt the ice to release the carrots?

1.	2.
3.	4.

What is your prediction?

What do we need to do to make the experiment fair?

Our results

Where was the ice cube?	Time taken to melt	Order from quickest to slowest time
1.		
2.		
3.		
4.		

Was your prediction correct?

Yes

No