

## Predictions

**EYFS**

Teacher questioning and modelling to show what a good example of a prediction is.



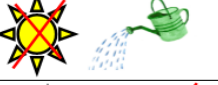
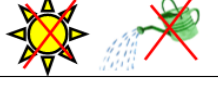
Use questions stems such as:  
What do you think will happen?  
What will happen next?  
Why do you think \_\_\_\_\_ will happen?

Teacher models how to answer the question.  
This is linked to many areas of the curriculum. Such as making predictions in a story on what a character will do.

# Year 1

Children should make their own prediction based on what they have seen and connect what has been observed with possible further actions of further observations. This should be shown on a table with diagrams, which match the investigation. Children should then pick their choice and explain to the teacher why.


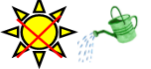
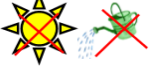

*Which plant do you think will grow?*

	Yes	No
 A plant with just sunlight		
 A plant with water and sunlight		
 A plant with no sunlight but has water.		
 A plant with no sunlight and no water.		

# Year 2

Children should make their own prediction based on what they have seen and discussed. This should be shown on a table with diagrams, which match the investigation. Children should then pick their choice and **give a sentence explain why.**

*Which plant do you think will grow?*

	Yes	No	Why?
 A plant with sunlight but no water.		✓	I know a plant needs water.
 A plant with no sunlight but water.	✓		I know a plant needs water.
 A plant with no sunlight and no water.		✓	I know a plant needs water.
 A plant with both water and sunlight.	✓		I know a plant needs water.

<p><b>Year 3</b></p>	<p>Children should begin to make predictions <b>with reasons why</b>. Children should be given a variety of written outcomes for the investigation and then choose which outcome they think. <b>The children should then explain why they think that.</b></p>	<div style="border: 1px solid black; padding: 10px;"> <p>A) Tick the most suitable outcome for the investigation.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"><i>The plant that will grow the best is the plant with sunlight but no water.</i></td> <td style="width: 50px;"></td> </tr> <tr> <td style="padding: 5px;"><i>The plant that will grow the best is the plant with no sunlight but has water.</i></td> <td></td> </tr> <tr> <td style="padding: 5px;"><i>The plant that will grow the best is the plant with sunlight and water.</i></td> <td style="text-align: center; vertical-align: middle;">✓</td> </tr> <tr> <td style="padding: 5px;"><i>The plant that will grow the best is the plant with no sunlight and no water.</i></td> <td></td> </tr> </table> <p>B) Explain why...</p> <p><i>I think this because I know a plant needs water and sunlight to grow.</i></p> </div>	<i>The plant that will grow the best is the plant with sunlight but no water.</i>		<i>The plant that will grow the best is the plant with no sunlight but has water.</i>		<i>The plant that will grow the best is the plant with sunlight and water.</i>	✓	<i>The plant that will grow the best is the plant with no sunlight and no water.</i>	
<i>The plant that will grow the best is the plant with sunlight but no water.</i>										
<i>The plant that will grow the best is the plant with no sunlight but has water.</i>										
<i>The plant that will grow the best is the plant with sunlight and water.</i>	✓									
<i>The plant that will grow the best is the plant with no sunlight and no water.</i>										
<p><b>Year 4</b></p>	<p>The teacher should plan the investigation with the children based on the question they are answering. <b>Based on this, children should begin to make their own predictions of what will happen and give a simple explanation why.</b></p>	<p>I think that the plant with sunlight and no water will grow the best. I think this because I know that a plant needs sunlight to grow.</p>								
<p><b>Year 5</b></p>	<p>Based on the investigation question (before planning), the children should make their own prediction as to what is going to happen and <b>explain why using evidence from knowledge learnt.</b></p>	<p>I know that the plant, which will grow the best, is the plant with sunlight and water. I know this because a plant needs to be watered so it can absorb nutrients from the soil for the water moves up the stem into the leaves. It also needs sunlight because it needs energy from the sun to create the food it needs.</p>								
<p><b>Year 6</b></p>	<p>Based on the investigation question (before planning), the children should make their own prediction based on the knowledge they have learnt previously. Children should state what they think is going happen, <b>explain why using evidence from knowledge and then make a</b></p>	<p>I know that the plant, which will grow the best, is the plant that will be given sunlight and water. I know this because a plant needs to be watered so it can absorb nutrients from the soil for the water moves up the stem into the leaves. It also needs sunlight because it needs energy</p>								

	link to previous learning and where possible famous scientists linked to that work e.g. Carl Linnaeus.	from the sun to create the food it needs. If you were to leave a plant in a cupboard with no water it would die.
--	--------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------