

## Phase 5 Ideas of Chance and Uncertainty Assessment

Phase 5 Progression Overview	Assessment Note	Marks
I can describe outcomes as having an equal chance or equally likely	Question 1	1
I can order events from least likely to most likely. (e.g. Tomorrow will be Monday. There will be salad at lunch tomorrow)	Question 2 – discussion for answers	4
I can justify choice of more or less likely. (e.g. We have salad choices every day so it is most likely that we will have that tomorrow. But today is Friday so it is really, unlikely that it will be Monday)	Question 3	2
I can recognise that the chance of an event happening can be influenced. (e.g. I am more likely to get to go swimming with my friend if I walk the dog for Mum.)	Question 4	2
I can use language of chance. (e.g. impossible, probably, unlikely, always)	Question 5	5
TOTAL MARKS		<b>/14</b>

	Question	Mark
1	<p><b>I can describe outcomes as having an equal chance or equally likely</b></p> <p>A teacher puts two snacks in a bag: one apple and one banana.</p> <p>You pick one without looking. Describe the chance of getting an apple and the chance of getting a banana.</p>	1
2	<p><b>I can order events from least likely to most likely. (e.g. Tomorrow will be Monday. There will be salad at lunch tomorrow)</b></p> <p>Here are some things that <i>might</i> happen tomorrow. Put them in order from <i>least likely</i> to <i>most likely</i>.</p> <ul style="list-style-type: none"> <li>• It will snow in Scotland.</li> <li>• You will eat lunch at school.</li> <li>• You will see a dog on your way home.</li> <li>• The sun will rise in the morning.</li> </ul>	4
3	<p><b>I can justify choice of more or less likely. (e.g. We have salad choices every day so it is most likely that we will have that tomorrow. But today is Friday so it is really, unlikely that it will be Monday)</b></p> <p>Here are two things that might happen tomorrow:</p> <ol style="list-style-type: none"> <li>1. You will read a book during class.</li> <li>2. You will have a fire drill.</li> </ol> <p>Which event is more likely, and why? Explain your reasoning.</p>	2
4	<p><b>I can recognise that the chance of an event happening can be influenced. (e.g. I am more likely to get to go swimming with my friend if I walk the dog for Mum.)</b></p> <p>Sam really wants his cat to sit on his lap tonight.</p> <ul style="list-style-type: none"> <li>• If Sam gives the cat its favourite treats, the cat usually comes over.</li> <li>• If Sam ignores the cat, it usually stays away.</li> </ul> <p>How can Sam's actions change the chance of the cat sitting on his lap?</p>	2

5

**I can use language of chance. (e.g. impossible, probably, unlikely, always)**

Use the words *impossible*, *unlikely*, *maybe*, *probably*, or *always* to describe the chance of each event happening at the zoo.

1. A penguin will start flying high in the sky.
2. You will see at least one animal during your visit.
3. It might rain while you are walking around the zoo.
4. The zookeeper will feed some animals today.
5. A lion will suddenly start speaking English to you.