

Section 2: Fact Sheet: About Bumblebees

Qu.	Requirement	Mark
14	<p>What is the name of the organisation that produced this fact sheet about bumblebees?</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for:</p> <ul style="list-style-type: none"> ■ <i>Bumblebee Conservation Trust.</i> <p>Do not accept responses which give part of the name only, e.g.</p> <ul style="list-style-type: none"> • <i>Bumblebee Trust</i> • <i>Conservation Trust</i> • <i>www.bumblebeeconservation.org.</i> 	1m

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15	<p>Look at the section headed: Save our bees.</p> <p>Complete the table below with one piece of evidence from the leaflet to support each statement.</p> <p>Content domain: 2d – make inferences from the text / explain and justify inferences with evidence from the text</p> <p>Award 1 mark for reference to any of the following in the appropriate box, up to a maximum of 2 marks:</p> <table><tr><th></th><th>Evidence</th></tr><tr><td>The Bumblebee Conservation Trust is worried about bees.</td><td><p>1. bumblebees are <i>struggling to survive</i>, e.g.</p><ul style="list-style-type: none"><i>bumblebees are endangered</i><i>there are now far fewer flowers to provide bees with the pollen and nectar.</i><p>2. bumblebees are finding <i>themselves hungry and homeless</i>, e.g.</p><ul style="list-style-type: none"><i>because they don't have a home and they are going hungry.</i><p>3. two UK species having <i>become extinct</i>, e.g.</p><ul style="list-style-type: none"><i>bees are slowly going extinct.</i><p>4. bumblebee numbers having <i>declined sharply</i>, e.g.</p><ul style="list-style-type: none"><i>population of bees is declining</i><i>there is less and less of them.</i><p>Do not accept reference to the Bumblebee Conservation Trust asking for our help.</p></td></tr><tr><td>The leaflet makes readers feel hopeful for bumblebees.</td><td><p>5. all not being lost</p><p>6. we can take action today to help save them, e.g.</p><ul style="list-style-type: none"><i>you can take action today</i><i>we can help to save these hardworking pollinators.</i><p>Do not accept general comments about help, e.g.</p><ul style="list-style-type: none"><i>you can help.</i></td></tr></table>		Evidence	The Bumblebee Conservation Trust is worried about bees.	<p>1. bumblebees are <i>struggling to survive</i>, e.g.</p> <ul style="list-style-type: none"><i>bumblebees are endangered</i><i>there are now far fewer flowers to provide bees with the pollen and nectar.</i> <p>2. bumblebees are finding <i>themselves hungry and homeless</i>, e.g.</p> <ul style="list-style-type: none"><i>because they don't have a home and they are going hungry.</i> <p>3. two UK species having <i>become extinct</i>, e.g.</p> <ul style="list-style-type: none"><i>bees are slowly going extinct.</i> <p>4. bumblebee numbers having <i>declined sharply</i>, e.g.</p> <ul style="list-style-type: none"><i>population of bees is declining</i><i>there is less and less of them.</i> <p>Do not accept reference to the Bumblebee Conservation Trust asking for our help.</p>	The leaflet makes readers feel hopeful for bumblebees.	<p>5. all not being lost</p> <p>6. we can take action today to help save them, e.g.</p> <ul style="list-style-type: none"><i>you can take action today</i><i>we can help to save these hardworking pollinators.</i> <p>Do not accept general comments about help, e.g.</p> <ul style="list-style-type: none"><i>you can help.</i>	Up to 2m
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16	<p><i>In our modern world of paved gardens and intensive farming, our bumblebees find themselves hungry and homeless.</i></p> <p>This suggests that...</p> <p>Tick one.</p> <p>Content domain: 2d – make inferences from the text / explain and justify inferences with evidence from the text</p> <p>Award 1 mark for:</p> <p>farming has helped bees. <input type="checkbox"/></p> <p>paved gardens are attractive. <input type="checkbox"/></p> <p>bees are good at finding their way. <input type="checkbox"/></p> <p>bees have only started struggling recently. <input checked="" type="checkbox"/></p>	1m
17	<p>Look at the section headed: <i>What's so different about the bumblebee?</i></p> <p>The text refers to the bumblebees' <i>cousins</i>.</p> <p>Who are their <i>cousins</i>?</p> <p>Content domain: 2a – give the meaning of words in contexts</p> <p>Award 1 mark for reference to honeybees, e.g.</p> <ul style="list-style-type: none"> • <i>the honeybee.</i> 	1m
18	<p>Which section of the leaflet is written to inform readers that they are unlikely to be stung by bumblebees?</p> <p>Write the name of the section:</p> <p>Content domain: 2c – summarise main ideas from more than one paragraph</p> <p>Award 1 mark for:</p> <ul style="list-style-type: none"> ■ <i>Don't 'bee' confused.</i> 	1m

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19	<p>In what way is <i>buzz pollination</i> more useful than other forms of pollination?</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for reference to either of the following:</p> <ol style="list-style-type: none"> it releases pollen that would otherwise stay inside the flower, e.g. <ul style="list-style-type: none"> <i>because it releases trapped pollen that they wouldn't have been able to get out</i> <i>it makes a buzz that gets more pollen than other bees do</i> <i>it helps release more pollen.</i> key produce is more expensive / harder to get without it, e.g. <ul style="list-style-type: none"> <i>it makes some vegetables we eat easier to produce and sell a lot cheaper</i> <i>it means we can buy more common foods cheaper</i> <i>it would be harder to grow beans.</i> 	1m
20	<p>Look at page 7.</p> <p>Why is it important for bumblebees to leave a smelly scent on some flowers?</p> <p>Tick one.</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for:</p> <p>so that others avoid it <input checked="" type="checkbox"/></p> <p>because it smells better than nectar <input type="checkbox"/></p> <p>so others know it has pollen <input type="checkbox"/></p> <p>because bees give flowers their scent <input type="checkbox"/></p>	1m
21	<p>Look at the section headed: <i>Things you can do to help.</i></p> <p>Find and copy one word that shows how essential flowers are to bees.</p> <p>Content domain: 2a – give the meanings of words in context</p> <p>Award 1 mark for:</p> <p>■ <i>lifeline.</i></p>	1m

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22(a)	<p>Look at page 7.</p> <p>Tick one box in each row to show whether each of the following flowers is bee-friendly or not bee-friendly.</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for all four correct:</p> <table border="1"> <thead> <tr> <th></th><th>Bee-friendly</th><th>Not bee-friendly</th></tr> </thead> <tbody> <tr> <td>lavender</td><td>✓</td><td></td></tr> <tr> <td>pansy</td><td></td><td>✓</td></tr> <tr> <td>herbs</td><td>✓</td><td></td></tr> <tr> <td>wild rose</td><td>✓</td><td></td></tr> </tbody> </table>		Bee-friendly	Not bee-friendly	lavender	✓		pansy		✓	herbs	✓		wild rose	✓		1m
	Bee-friendly	Not bee-friendly															
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22(b)	<p>Explain why the flowers that are not bee-friendly do not attract bees.</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for reference to insufficient production of pollen / nectar / food, e.g.</p> <ul style="list-style-type: none"> • <i>it is because they don't have much pollen</i> • <i>they don't have as much pollen and nectar as they need</i> • <i>they are not rich in pollen.</i> <p>Also accept reference to flowers that are not bee-friendly having no / little value, e.g.</p> <ul style="list-style-type: none"> • <i>because they are no value to the wildlife.</i> 	1m															

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23	<p>Look at the section headed: <i>Energy drink for bees.</i></p> <p>These instructions suggest that the reader...</p> <p>Tick one.</p> <p>Content domain: 2d – make inferences from the text / explain and justify inferences with evidence</p> <p>Award 1 mark for:</p> <p>enjoys preparing food. <input type="checkbox"/></p> <p>has lots of energy. <input type="checkbox"/></p> <p>is willing to handle bees. <input checked="" type="checkbox"/></p> <p>is skilled at gardening. <input type="checkbox"/></p>	1m															
24	<p>Using information from the text, tick one box in each row to show whether each statement is true or false.</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for three correct or 2 marks for all four correct:</p> <table border="1"> <thead> <tr> <th></th><th>True</th><th>False</th></tr> </thead> <tbody> <tr> <td>Wasps can be aggressive.</td><td>✓</td><td></td></tr> <tr> <td>Male bumblebees sometimes sting.</td><td></td><td>✓</td></tr> <tr> <td>Bumblebees only go outside when it is warm.</td><td></td><td>✓</td></tr> <tr> <td>You need a big garden to help bumblebees.</td><td></td><td>✓</td></tr> </tbody> </table>		True	False	Wasps can be aggressive.	✓		Male bumblebees sometimes sting.		✓	Bumblebees only go outside when it is warm.		✓	You need a big garden to help bumblebees.		✓	Up to 2m
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25	<p>Look at the whole text.</p> <p>Complete the table below to show what the text says you can do to help bumblebees.</p> <p>Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction</p> <p>Award 1 mark for reference to any two acceptable points from <i>Help for all bumblebees</i>, or for one acceptable point from <i>Help for all bumblebees</i> and one acceptable point from <i>Help for a weak bumblebee</i>.</p> <p>Award 2 marks for reference to any two acceptable points from <i>Help for all bumblebees</i> and any one acceptable point from <i>Help for a weak bumblebee</i>.</p> <p>Please note that there are two ways to achieve the award of 1 mark for this question.</p> <table><tr><th>Help for all bumblebees</th></tr><tr><td><p>Acceptable points:</p><ol style="list-style-type: none">1. plant bee-friendly flowers2. support the work of the Bumblebee Conservation Trust3. raise public awareness4. conserve bumblebee habitats5. replace flowers which are not bee-friendly6. remove paved gardens7. stop intensive farming<p>Do not accept reference to bee-friendly flowers with no reference to human action.</p></td></tr><tr><th>Help for a weak bumblebee</th></tr><tr><td><p>Acceptable points:</p><ol style="list-style-type: none">8. give it a sugar and water mix9. move it close to flowers<p>Do not accept reference to a sugar and water mix with no reference to human action.</p></td></tr></table>	Help for all bumblebees	<p>Acceptable points:</p> <ol style="list-style-type: none">1. plant bee-friendly flowers2. support the work of the Bumblebee Conservation Trust3. raise public awareness4. conserve bumblebee habitats5. replace flowers which are not bee-friendly6. remove paved gardens7. stop intensive farming <p>Do not accept reference to bee-friendly flowers with no reference to human action.</p>	Help for a weak bumblebee	<p>Acceptable points:</p> <ol style="list-style-type: none">8. give it a sugar and water mix9. move it close to flowers <p>Do not accept reference to a sugar and water mix with no reference to human action.</p>	Up to 2m
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26	<p>Give one example of the use of humour in the fact sheet.</p> <p>Content domain: 2g – identify / explain how meaning is enhanced through choice of words and phrases</p> <p>Award 1 mark for reference to any of the following:</p> <ol style="list-style-type: none"> either of the ‘bee’ puns in the factsheet, e.g. <ul style="list-style-type: none"> <i>Don’t ‘bee’ confused</i> <i>bee kind.</i> <i>interrupt your picnic or steal your sandwiches</i>, e.g. <ul style="list-style-type: none"> <i>bumblebees will never interrupt your picnic and steal your sandwiches!</i> <i>bumblebees stealing sandwiches are funny.</i> <i>smelly feet</i>, e.g. <ul style="list-style-type: none"> <i>it says that bumblebees having smelly feet is useful.</i> <i>energy drink</i>, e.g. <ul style="list-style-type: none"> <i>energy drink for bees.</i> <i>fat, furry (little creatures)</i>, e.g. <ul style="list-style-type: none"> <i>these fat furry creatures.</i> 	1m

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27	<p>Bumblebees are very important to the human race.</p> <p>Give two ways they are important.</p> <p>Content domain: 2d – make inferences from the text / explain and justify inferences with evidence</p> <p>Award 1 mark for reference to any of the following, up to a maximum of 2 marks:</p> <ol style="list-style-type: none"> pollination / buzz pollination / support plant reproduction, e.g. <ul style="list-style-type: none"> <i>pollinate our flowers</i> <i>only they can use buzz pollination</i> <i>they help regenerate plants.</i> they support the production of food, e.g. <ul style="list-style-type: none"> <i>make producing food easier</i> <i>peas and beans would be more expensive</i> <i>they help us grow food.</i> survival of plant species, e.g. <ul style="list-style-type: none"> <i>without them all plants would die</i> <i>they keep plants alive</i> <i>they help flowers survive.</i> bees supporting farmers / gardeners, e.g. <ul style="list-style-type: none"> <i>they help out farmers.</i> bees being much loved, e.g. <ul style="list-style-type: none"> <i>they are an essential part of summertime.</i> <p>Do not accept reference to honey alone.</p>	Up to 2m