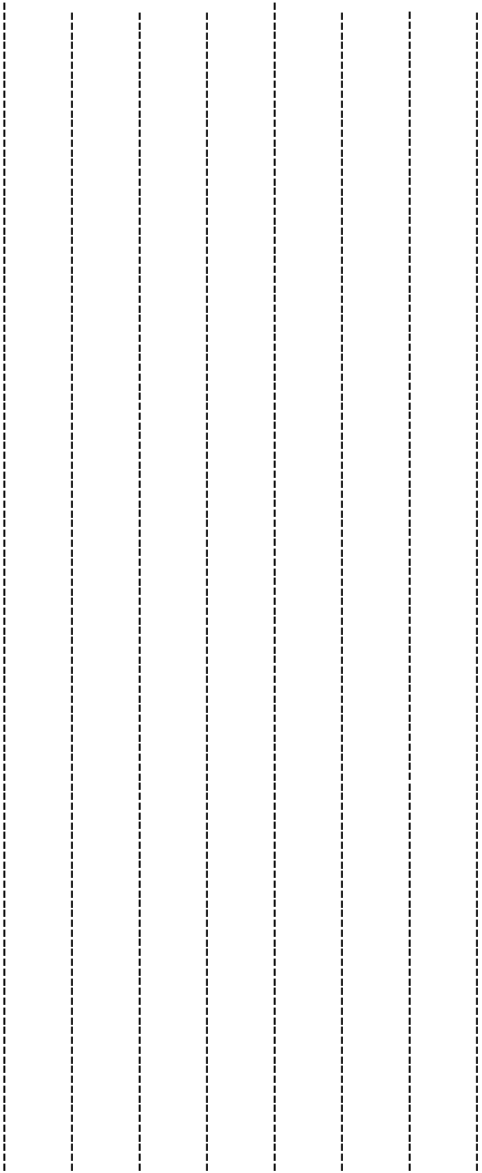


Year 7 Science Major Assessment Task

Interaction between organisms

1. Select an organism. Design a food web including the organism you have selected. What roles does your organism play in the food web? What factors would affect the survival of your organism?



2. Create a table with the headings the 'Problems' and 'Solutions'. In the Problems column, list the types of things that people do that affect wildlife. In the solutions column, provide some solutions to each problem.

3. Develop two questions that can be investigated scientifically related to the topic interaction between organisms.

Year 7 Science Assessment Rubric

Interaction between organisms

Criteria	1 Well below Standard	2 Below standard	3 At standard	4 Above standard	5 Well above standard
Science Understanding Predict the effect of environmental changes on feeding relationships	Simply reasoned prediction of the effect of environmental changes on feeding relationships.	Partially reasoned prediction of the effect of environmental changes on feeding relationships	Adequately reasoned prediction of the effect of environmental changes on feeding relationships.	Well-reasoned prediction of the effect of environmental changes on feeding relationships.	Extensively reasoned and in-depth prediction of the effect of environmental changes on feeding relationships.
Science Understanding Responding to questions	Responded to very few questions that does not indicate a clear understanding of the topic	Responded to some questions that indicate some understanding	Responded to most questions to a reasonable standard that indicate an adequate understanding	Responded to most questions to a high standard.	Responded to all questions to a very high standard.
Science Enquiry Skills Identify questions that can be investigated scientifically	Little relevance and minimal credibility in the identification of questions that can be investigated scientifically.	Some relevance and some credibility in the identification of questions that can be investigated scientifically.	Reasonably relevant and credible identification of questions that can be investigated scientifically.	Mostly relevant and pertinent identification of questions that can be investigated scientifically.	Highly relevant and discriminating identification of questions that can be investigated scientifically.