**Living World: Eat or be eaten**

**Summative Assessment Schedule**

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|  | **Answers** | **Judgement** | **Marks** |
| Q.1 | 1. Possible answers include:   plankton → shrimp → sea anenome → rock cod → starfish  seaweed → chiton → crab → seagull  plankton → mussel → seagull | 3 food chains correctly written, each with at least 3 organisms | 3 |
| 1. Possible answers include:   plankton → shrimp → sea anenome → rock cod → starfish  1st trophic level 2nd trophic level 3rd trophic level 4th trophic level 5th trophic level  seaweed → chiton → crab → seagull  1st trophic level 2nd trophic level 3rd trophic level 4th trophic level  plankton → mussel → seagull  1st trophic level 2nd trophic level 3rd trophic level | 1 food chain with trophic levels correctly labelled | 1 |
| 1. Possible answers include:   seaweed / chiton / mussel / barnacle | 2 correct answers | 2 |
| 1. Possible answers include:   plankton / seaweed | 1 correct answer | 1 |
| Q.2 | (a) iii (b) i (c) iv (d) v (e) ii | 5 correct answers | 5 |
| Q.3 | Sample answer:  The bird has a sharp beak which is an adaptation to help it get food. The sharp beak enables the bird to penetrate the earth to catch worms.  See [Adaptations of a carnivore (Word 27KB)](http://esolonline.tki.org.nz/content/download/5721/33560/file/carnivore.doc) for other possible answers. | 2 marks for each correct description of an adaptation (no marks for simply identifying a body part). The description must demonstrate a basic understanding of how the adaptation helps the bird to survive successfully. | 4 |
| Q.4 | Sample answer:  The caterpillar has true legs and prolegs which are adaptations to help it hold onto plants. The prolegs have hooks to strengthen the caterpillar’s hold onto plants.  See [Adaptations of a Herbivore (Word 44KB)](http://esolonline.tki.org.nz/content/download/5725/33578/file/Adaptations+of+a+Herbivore.doc) |  | 4 |
|  |  | Total | 20 |

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| **Judgement** | |
| Excellence | 19-20 correct answers |
| Merit | 15-18 correct answers |
| Achieved | 12- 14 correct answers |