# Food and food labels

From foods to meals – making choices.

# SAILS inquiry and assessment unit overview

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| **Name** | Food and food labels |
| **Key content/concepts** | * Nutritional content of different food items * Balanced diet * Food groups * Understand food label information |
| **Level** | * Lower second level * Upper second level |
| **Inquiry skills assessed** | * Planning investigations * Developing hypotheses * Forming coherent arguments * Working collaboratively |
| **Assessment of scientific reasoning and scientific literacy** | * Scientific reasoning (proportional reasoning; drawing conclusions; collecting scientific data; problem-solving) * Scientific literacy (analysis and interpretation of scientific data) |
| **Assessment methods** | * Classroom dialogue * Teacher observation * Self-assessment * Worksheets * Student devised materials (group work placemat, reports) * Presentations |

Table 3: Rubric for the assessment of working collaboratively

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| **Emerging** | **Developing** | **Crafting** | **Extending** |
| The student makes suggestions. | The student makes suggestions and takes turns. | The student makes suggestions and listens and responds to suggestions of others. | The student makes suggestions and considers suggestions of others. Asks questions or makes statements that encourage the group to reflect or reach a collaborative decision |

Table 4: Rubric for the assessment of developing hypotheses

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| **Emerging** | **Developing** | **Crafting** | **Extending** |
| The student tests a range of juices/squashes for vitamin C but does not form a hypothesis. | The student tests a range and asks which drink/fruit contains the most vitamin C? | The student suggests X contains more vitamin C then Y and carefully sets up the comparison with equal volumes (e.g. juice contains more vitamin C than squash/fresh fruit contains more vitamin C than cooked fruit). | The student suggests X contains more vitamin C than Y, with scientific reasoning as to choice (e.g. heating destroys vitamin C) and sets up a fair test for this. |