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| --- | --- | --- | --- | --- | --- |
| **Strand 1: Inquiry Process**  **Concept 1: Observations, Questions, and Hypotheses** | **S1C1PO 2**. Ask questions based on experiences with objects, organisms, and events in the environment.  **I** | I can ask questions based on experiences with objects, organisms and events. | Comprehension | <http://www.ehow.com/list_6618789_inquiry_based-science-activities.html>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 12 & 334-335.  [www.macmilanmh.com](http://www.macmilanmh.com) | investigation |
| Strand 1: Inquiry Process  Concept 1: Observations, Questions, and Hypotheses | **S1C1PO 3**. Predict results of an investigation based on life, physical, and Earth and space sciences (e.g., animal life cycles, physical properties, Earth materials).  **I** | I can predict results based on specific investigation processes. | Evaluation | <http://www.suite101.com/content/problem-solving-and-science-process-skills-a65807>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 12.  [www.macmilanmh.com](http://www.macmilanmh.com) | predict  results  investigation  processes |
| **Strand 4: Life Science**  **Concept 1: Characteristics of Organisms** | **S4C1PO 1**. Identify the following characteristics of living things:   * growth and development * reproduction * response to stimulus   **I** | I can find out the characteristics of living things in growth and development, reproduction, and its reaction to the environment. | Knowledge | <http://www.tooter4kids.com/Frogs/life_cycle_of_frogs.htm>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 114.  [www.macmilanmh.com](http://www.macmilanmh.com)  http://www.teachers.ash.org.au/jmresources/butlifecycle/index.html | stimulus |
| Strand 4: Life Science  Concept 1: Characteristics of Organisms | **S4C1PO 2**. Compare the following observable features of living things:   * movement- legs, wings * protection – skin, feathers, tree bark * respiration - lungs, gills * support – plant stems, tree trunks   **I** | I can compare ways living things move.  I can compare ways living things breathe.  I can compare ways living things have support. | Comprehension | <http://www.uen.org/Lessonplan/preview.cgi?LPid=621>  <http://www.sciencenetlinks.com/lessons.php?DocID=87>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 28 - 35.  [www.macmilanmh.com](http://www.macmilanmh.com) | movement  protection  respiration  support |
| Strand 4: Life Science  Concept 1: Characteristics of Organisms | **S4C1PO 3**. Identify observable similarities and differences (e.g., number of legs, body coverings, size) between/among different groups of animals.  **I** | I can recognize the similiarities and differences in plants.  I can recognize the similiarities and differences in animals. | Comprehension | <http://www.nden.k12.wi.us/k8/firfor.htm>  <http://www.sasked.gov.sk.ca/docs/elemsci/gr1uaesc.html>  <http://www.learninghaven.com/science/articles/classification_chart.htm>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 104 – 106 & 110.  [www.macmilanmh.com](http://www.macmilanmh.com) | Identify  Compare  contrast |
| Strand 4: Life Science  **Concept 2: Life Cycles** | **S4C2PO** **1**. Identify stages of human life (e.g., infancy, adolescence, adulthood).  **I** | I can identify the life cycles of plants and animals. | Knowledge | <http://www.valdosta.edu/~vlstout/topic.html>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 108 - 115.  [www.macmilanmh.com](http://www.macmilanmh.com) | life cycles  Infancy  adolescence  adulthood |
| Strand 4: Life Science  Concept 2: Life Cycles | **S4C2PO** **2**. Identify similarities and differences between animals and their parents. (See 1CH-F4)  **I** | I can recognize the similarities and differences between animals and their parents. | Knowledge | <http://www.teachervision.fen.com/animal-biology/printable/32536.html>  SCIENCE A CLOSER LOOK, Macmillan/McGraw-Hill Grade 1, p. 108 - 115.  [www.macmilanmh.com](http://www.macmilanmh.com) | similiarities  differences |
| **Strand 5: Physical Science**  **Concept 1: Properties of Objects and Materials** | **S5C1PO** 1. Classify objects by the following observable properties:   * shape * texture * size * color * weight   **I** | I can classify objects based on shape, texture, size and color. | Comprehension | http://blog.richmond.edu/openwidelookinside/archives/2731 | classify texture properties  observable |