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| **Text Set Title: Ecosystem/Ecology Robin Grove** | | |
| **Text Set Grade Placement: 6th grade** | | |
| **Enduring Understandings** | | |
| Students will be able to explain how the ecosystem effects them daily (food chain/web). Students will be able to explain the different layers of the ecosystem. The recycling of matter on Earth demonstrates natural processes. | | |
| **Text and Resources**   1. (introduction) ecosystem rap 2) Anchor Text 3) DK Eyewitness book Ecology 4) the 2 articles 5) Building blocks of science literacy series Earth and space system 6) poems 7) what is a food chain? video 8) infographics will be hang in the classroom | | |
| **Anchor Text** | **Title:Building Blocks of Science Literacy Series™: Matter and Energy in Ecosystems (5th grade level)**  **Title: Building Blocks of Science Literacy Series: Life in Ecosystems (3rd Grade Level)**  **(Item# 514703B)**  **Author: Carolina.com** | |
| **Supporting Works** | **Book(s)**  1. **DK Eyewitness Books: Ecology by** [**Brian Lane**](https://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Brian+Lane&search-alias=books&field-author=Brian+Lane&sort=relevancerank) **(Author),** [**Steve Pollock**](https://www.amazon.com/Steve-Pollock/e/B001IR3EUC/ref=dp_byline_cont_book_2) **(Author)**  **(Barnes and Noble)**  2.Building Blocks of Science Literacy Series™: Ecosystem Diversity, Pack of 24  **(Carolina) (2nd Grade Level)**  **Article(s)**  3.**Complementing Curricula***by:* [*Kristin Cook*](http://learningcenter.nsta.org/search/?action=browse&text=Kristin%20Cook) *and* [*Corrie Block*](http://learningcenter.nsta.org/search/?action=browse&text=Corrie%20Block)  (Internet)  **4. Survivor Science***by:* [*Kathy Costello*](http://learningcenter.nsta.org/search/?action=browse&text=Kathy%20Costello)  (Internet)  **Poem(s**  1.LINKS IN A FOOD CHAIN ~Author Unknown  2. The Bald Eagle by HGarvey Daniel Esquire  (Internet)  **Infographic(s)**  3.Ecosystems teaching poster set (Amazon)  4.Ecosystem anchor chart on pinterest  **Other Media**  5. Ecosystem rap- Peach Teach on Youtube  6. What is a food Chain? Dr Binocs show on youtube  **Supporting Works will be introduced/taught in the following order:** | |
| **Standards** | 6.LS2: Ecosystems: Interactions, Energy and Dynamics  6.ESS3: Earth and Human Activity | |
| **Knowledge** | | **Skills** |
| All living things on Earth depend on each other for survival. | | Identify the major difference between a community and a population, and give one example of each. |
| Obtaining food, shelter, and other needs is crucial to the survival of  All living organisms, including us. | | Draw a food chain illustrating how consumers obtain energy from other organisms in a ecosystem. |
| The recycling of matter on Earth demonstrates natural processes. | | How burning fossil fuels might affect the makeup of gases in the atmosphere. |
| All living things, including people, need a constant supply of energy. | | What might happen if grizzly bears disappeared from this ecosystem. |