## Which National Science Education Standards\* Can Be Addressed by the *Natural Inquirer?*

| Articles → Science Education Standards*        | Where in the World<br>Is Carbon Dioxide? | One Fish, Two Fish,<br>Red Fish – No Fish? | Do What You Water | Made in the Shade | Born To Be Wild | Stress Test |
|--|--|--|-------------------|-------------------|-----------------|-------------|
| Science as Inquiry                             |  |  |                   |                   |                 |             |
| Abilities necessary to do scientific inquiry   | X  | X  | X                 | X                 | X               | X           |
| Understandings about scientific inquiry        | X  | X  | X                 | X                 | X               | X           |
| Physical science                               |  |  |                   |                   |                 |             |
| Properties and changes in properties in matter | X  |  |                   |                   |                 |             |
| Motions and forces                             |  |  |                   |                   |                 |             |
| Transfer of energy                             |  |  |                   |                   |                 |             |
| Life science                                   |  |  |                   |                   |                 |             |
| Structure and function in living systems       | X  |  |                   | X                 |                 |             |
| Reproduction and heredity                      |  | X  |                   |                   |                 |             |
| Regulation and behavior                        |  | X  |                   |                   |                 |             |
| Populations and ecosystems                     |  | X  |                   |                   | X               | X           |
| Diversity and adaptations of organisms         | X  |  |                   |                   | X               |             |
| Earth and space science                        |  |  |                   |                   |                 |             |
| Structure of the Earth system                  | X  |  | X                 |                   |                 |             |
| Science in personal and social perspectives    |  |  |                   |                   |                 |             |
| Personal health                                |  |  | X                 | X                 |                 |             |
| Populations, resources, and environments       | X  | X  | X                 | X                 | X               | X           |
| Natural hazards                                |  |  |                   |                   |                 |             |
| Risks and benefits                             | X  | X  | X                 | X                 |                 | X           |
| Science and technology in society              | X  | X  | X                 |                   | X               | X           |
| History and nature of science                  |  |  |                   |                   |                 |             |
| Science as a human endeavor                    | X  | X  | X                 | X                 | X               | X           |
| Nature of science                              | X  | X  | X                 | X                 | X               | X           |
| History of science                             |  |  |                   |                   |                 |             |

<sup>\*</sup>National Research Council, Content Standards, Grades 5-8