



ProD workshop selections

Format

Teachers try out a series of low-cost classroom-tested activities, centred on a topic or theme. Activities are chosen for the requested grade levels. Take-home documentation for each activity includes connections to Science Content and Curricular Competencies, materials lists, and links to the ingridscience database.

Workshop topic/theme and content

<i>Biology</i>	Adaptations, biodiversity and evolution; life cycles, food webs and energy flow.
<i>Chemistry</i>	The properties and molecular structure of materials; how materials mix and change.
<i>Physics</i>	Motion, forces, machines and Newton's Laws; energy conservation and transformation.
<i>Earth Science</i>	Natural landscapes around us and their cycles; our place in the Universe.
<i>Outdoor Science</i>	Science investigations and games using outdoor materials and spaces.
<i>Outdoor Math</i>	Use plants and our city's landscape for geometry, patterning, measuring and graphing.
<i>Science and the Curricular Competencies</i>	Use hands-on science to fuel curiosity and questioning, employ data collection and graphing, and to understand the roles of variables and hypothesis testing.
<i>Science Inquiry</i>	Individual and group inquiry activities which engage your diverse learners.
<i>Science makes Art</i>	Science activities that create artistic pieces, through design and natural processes.
<i>Science Toys and Games</i>	Toys, games and challenges based in science concepts.
<i>Science from Recycled Materials</i>	Physics and Earth Science activities using recycled materials

or **Request your own topic/theme**