

Science Fair Divisions

The following are the seven possible divisions for projects at the Regional Science Fair based on the guidelines of Youth Science Canada.

Youth Science Canada has identified seven divisions, known as the Canada-Wide Youth Science Challenges, which focus on issues that are important to Canada's youth, the future of our country and our world. They reflect the growing trend in current Canadian science, technology and innovation to focus on specific multi- and interdisciplinary global, national and provincial issues.

Youth Science Canada's Challenges are meant to inspire youth to exercise their curiosity and creativity by doing a project that addresses one of these Challenges:

Energy

Improve our use of current energy sources, enable the transition to alternative energy sources, or reduce our energy footprint.

Environment

Reduce our impact on, improve our understanding of, and ensure the quality of water, air, soil, and the diversity of living things.

Health

Increase our understanding of the human body, or apply science and technology to improve health, control disease, or support an aging population.

Information

Enhance communication and our use of information using digital and networking technologies, or applications of new media.

Innovation

Combine scientific principles with your creativity to develop a new material, structure, device, or system to solve a problem or improve an existing solution.

Resources

Develop better ways to use our natural resources that provide sustainable sources of food, products, or prosperity.

Discovery

Create new fundamental knowledge based on your curiosity by asking a question and using the techniques of scientific inquiry to develop an answer.