

Biology Workshops

in Elementary School Classrooms

Pricing, scheduling, format

\$5/student for 1-1½ hr lesson (including materials)

Workshops can be run before recess and/or after recess and/or afternoon

No more than two different workshop topics can be run in one day

The teacher must be present in the classroom during the workshop

All workshops can be adapted for any K-7 grade level



Biology Workshops (or mix and match activities and topics)

Topic	Activity details
Needs, Features and Adaptations of Living Things	Study of live worms or wood bugs, and construction of/visit to a habitat that meets their needs. Option for outdoor lesson. OR Study of plant structures and adaptations. Make gazpacho soup from plant parts.
Life Cycles	Plants: choose activities that focus on either pollination, germination and growth, or seeds, with discussion of whole life cycle. Outdoor option. OR Live chicken and egg study (NOTE: check for availability).
Biodiversity, Food Chains and Interconnectedness	Search for living things in soil, pond water or at the beach. Construct a food web starting with the species discovered. Option for outdoor lesson.
Sensing	Human sensing data collection. Select hearing, touch, taste, smell, vision activities. OR Cow eye dissection and experiments studying eye function (NOTE: a nearby sink is required; cow eye order may need some lead time).
Organ Systems	Clam dissection comparing its organs to ours. Assemble a deer skeleton.
Evolution by Natural Selection	Evolution concepts can be inserted into any of the activities: ask for this focus.
Other Biology topics can be developed into workshops. Please contact /see www.ingridscience.ca for ideas.	

Instructor



Ingrid Sulston, PhD, has 24 years of experience teaching hands-on science in schools, science centres and botanical gardens in Vancouver, New York City and San Francisco. The past eight years Ingrid has primarily worked in Elementary school classrooms in Vancouver, as a consultant and as a Scientist in the Vancouver School Board's Scientist in Residence Program.



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