



a WOW Lab

BLUEPRINT

Selection in Action

Lesson Logistics

Learning Outcomes

Grades 4-6
Habitats and communities
Diversity of life

Class Organization

Each student must build his or her own car. Ensure that each student has at least 15-20 Lego and K'Nex pieces of different shapes and colours, and at least two sets of wheels.

For Part II, students will be divided up in groups of two or three.

Notes

Place bins containing various pieces of Lego, K'Nex and wheels around the classroom so students have room to build their cars.

After setting up the obstacles, ensure that they are covered so that students cannot see them while they are building their cars. Some obstacles require floor space. If using the obstacles containing water or soap, it may be helpful to have old towels on hand.

The cost for this activity varies greatly depending on how many of the obstacles are built and if some or all of the Lego and K'Nex pieces are available at home or at school. The estimate of \$538 is based on the assumption that new sets of Lego and K'Nex will be purchased and all of the obstacles will be built. Ask if the school has Lego or K'Nex in the kindergarten classrooms or keep an eye out at garage sales. See if two or three classes wish to purchase one set of Lego and K'Nex to share. The obstacles can all be created with materials found in the classroom, school or home.

Further Exploration

Research Project

This activity will likely bring up many questions about evolution and the natural world. Brainstorm these questions on the board and, working in groups or individually, have the students pick a question that they will research for a project.

Museum Visit

Visit a Natural History museum in your area. Most museums have educational programs with guided visits and activities, and can cover evolutionary themes that have been discussed in class.