

40. Circus Physics

Classroom Activity: Learn to juggle

Grade (s): 11 and 12

Course(s) and Strand (s): Science

Physics, Grade 11 University

C. Forces

Physics, Grade 12 University

B. Dynamics

Physics, Grade 12 College

B. Motion and its Applications

See supplementary document Ontario Curriculum Alignment for Engineer-in-Residence Secondary Classroom Activities: Science and Technological Education for relevant overall and specific expectations.

Assessment Categories:

- Knowledge and Understanding
- Thinking and Investigation

Type of Activity: Classroom/Independent Study

Preparation: varies

Time needed to complete the task: varies

Materials and Resources for Teachers:

Circus Stuff

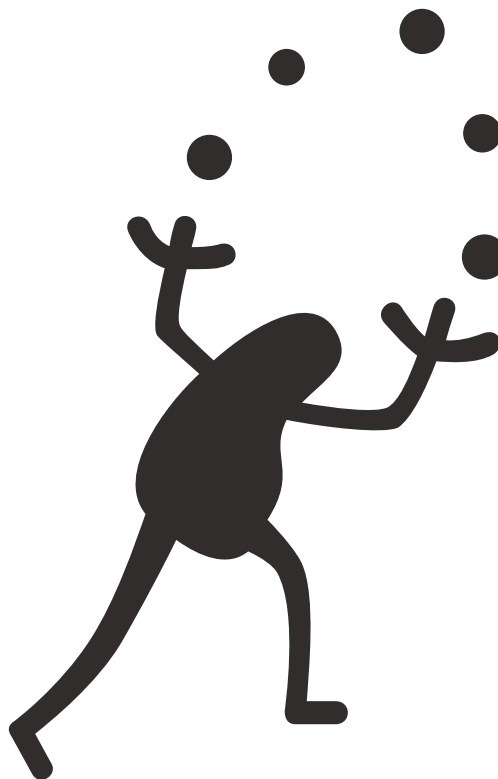
<http://www.circusstuff.com>

Materials and Resources for Students:

Juggling Information Service

<http://www.juggling.org>

tennis balls



Activity Description:

Students are asked to learn to juggle 3 and then 4 tennis balls. They must demonstrate their skill and explain in a written report how juggling works".