

Lesson Plan for Honda Rube Goldberg

Summary

Students will watch a short video and watch for energy changes and what types of energy are exchanged.

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

video clip [Honda Rube Goldberg](#)
computers for every 2-3 students

Background for Teachers

Time Needed: it depends which activity you do, none should take more than a 50 minute period.

Instructional Procedures

Activity 1

:

Show the movie clip to students. Ask them to watch for energy changes and what types of energy are exchanged.

Ask students to write down the energy changes and identify them. Some students may be familiar with the names of the parts of the car but it is not necessary to know them. The steps can be described or numbered. Sound, light, mechanical and electrical energy are all displayed in the movie. You may wish for students to make a table like this:

Activity 2:

Show the movie clip to students and ask them to identify the simple machines at work. They should see levers, inclined planes, wheels and maybe a pulley.

Have students create a chart similar to the one above only now with these headings:

Activity 3:

Students watch the clip and identify the car parts.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)