Unit 9 Simple Machines and work

Archdiocese of Cincinnati 8th

23. define work and how to measure it

24. given an example of 6 types of simple machines

25. construct simple machines

26. give examples of compound machines

27. predict amount of work needed to move various objects

State of Ohio standards 9th

No objectives relate to simple machines in grades 6-9 in the state of Ohio standards

Concepts

Chapter 12

* Identify and utilize 6 basic types of simple machines
* Calculate work
* Explore mechanical advantage and efficiency of simple machines

STEMM connections: Rube Goldberg build

Inquiry: simple machine challenge