

WORM MAGIC II:

NOTE: Includes the standards listed below as well as many repeated standards covered in Worm Magic I.

2010 IDOE Content Standards

NOTE: Literacy standards have not been included in this list because they are too numerous and vary in session versions. Please inquire if this is a standard you want to cover in the session. Health and wellness standards also apply but are not listed here.

GRADE 1 Core Standards

Standard 4: Science, Engineering and Technology

Determine properties of natural and man-made materials and their most important uses.

1.4.3 Construct a simple shelter for an animal with natural and human-made materials.

GRADE 2 Core Standards

Standard 4: Science, Engineering and Technology

Describe how technologies have been developed to meet human needs.

2.4.3 Identify a need and design a simple tool to meet that need.

GRADE 6 Core Standards

Standard 4: Science, Engineering and Technology

Apply a form of energy to design and construct a simple mechanical device.

6.4.1 Understand how to apply potential or kinetic energy to power a simple device.

6.4.2 Construct a simple device that uses potential or kinetic energy to perform work.

6.4.3 Describe the transfer of energy amongst energy interactions.

GRADE 7 Core Standards

Standard 4: Science, Engineering and Technology

Design and construct a device that converts energy from one form to another to perform work.

7.4.1 Understand that energy is the capacity to do work.

7.4.2 Explain that energy can be used to do work using many processes

7.4.3 Explain that power is the rate that energy is converted from one form to another

GRADE 8 Core Standards

Standard 4: Science, Engineering and Technology

Identify the appropriate materials to be used to solve a problem based on their specific properties and characteristics.

8.4.3 Investigate the properties (i.e. mechanical, chemical, electrical, thermal, magnetic and optical) of natural and engineered materials.
