

4 years +

Simple Machines

Simple machines are tools that make our work easier. They are all around us! Children find construction sites and big heavy equipment fascinating. They use simple machines everyday indoors and outdoors that make them do their work of playing more fun and challenging.

Activity #1 Hunt and Sort Simple Machines

- Ask children to look for and gather things they find around them that they think are machines.
- Take a picture or draw a picture of an item that is too large or too heavy to carry.
- Next, ask children to sort the items into two piles: Machines and Not Machines.
- Then watch the video to test our guess: Simple Machines Types and Functions for Kindergarten and Preschoolers by Makemegenius.com
<https://youtu.be/ByLXZCP4ixc>

Want more? Also watch *Simple Machines for Kids* by Clarendon Learning <https://youtu.be/LSfNYpCprw4>



Activity #2: STEM Let's Make a Simple Machine

Want to build a simple machine together? Here is an idea! It is very doable. You only need to provide magnetic tiles, a tray, and a marble.

Check out this video for details: *Magnetic Tile Mazy - DIY Preschool Activity for Kids | STEM*

STEAM Fine Motor Activity

No Magnetic tiles? Use playdough to make a Play Dough Marble Run! <https://youtu.be/7d4g3hzSDy8>

