

Makerspace Materials Packs

Supplies to complement science kits or use independently



A Makerspace Materials Pack (also called a Student Activity Pack) is an assortment of materials that students can use when engineering and building models, art projects, etc.

There are many lesson extensions in the different science kits that call for students to engineer and/or build models of what they are learning. These supplies help by providing materials that students can use when completing those activities.

They are also fantastic supplies to have on hand for students who have art projects, display boards, etc.

What is Makerspace?

Kids naturally tinker. Makerspace encourages that natural creativity, encouraging them to challenge their imaginations, engage in hands-on research and come up with solutions to real-world problems.

Makerspaces offer a "safe space" for kids to fail and helps promote grit and perseverance. Makerspaces also level the playing field for ELL and SpecEd students and promotes equity in gender gaps, students of color and other underrepresented groups.

A makerspace can be set up anywhere: library, classroom, separate workspace, portable cart, etc. Some makerspaces are very elaborate and include tools and high tech equipment.

However, a makerspace can be anything that allows kids to build and can include craft-type materials and tools.

Makerspace Materials Packs can be used for any subject or as stand-alone activities.

What can I use Makerspace with?

Absolutely anything! You can use these sets for after-school clubs, indoor recess, library instruction, etc.

There are many makerspace-appropriate projects for any subjects. For example, if you've taught a lesson on westward expansion, your students could use the makerspace to build a tool that would help them on the Oregon Trail and explain how it would work. If you're studying waterways in science, your students could create a system to stem flooding or address the problem of plastic trash polluting water.

Makerspace is a way to enrich the learning in your classroom. It uses hands-on materials and allows students the creativity to build and explore. This approach helps with critical thinking and even boosts self-esteem.

Students might do coding, circuitry, and engineering. They might film documentaries, record podcasts or create stop motion video for documentaries that blends elements of science and social studies. Along the way, students learn how to make valuable connections between the subjects and content areas that we have traditionally kept separate.

Pricing

Each Makerspace Materials Pack is \$125 (plus tax and indirects).

These kits can be purchased at any time and all materials included are consumable so there is no need to return anything to NEWSERC.



NEWSERC

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**More Information About Makerspace
Materials Packs**