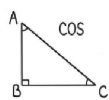




NEWSRC

NORTHEAST WASHINGTON STEM RESOURCE CENTER



IT'S TIME FOR A CHANGE...

NEWESD 101's Science Kit Center is changing! Our teachers have asked for more flexibility, and we are very excited to be rebranding as NorthEast Washington STEM Resource Center (NEWSRC) to reflect a more rounded variety of offerings for the NEWESD 101 region.

Beginning with the orders for the 2023/2024 school year, schools will be able to select from a "menu" of kit titles and choose which combination of titles and curricula work best for their school and community.

HOW IT WORKS

Participating districts purchase a share in the kits which are rotated among different schools on a trimester schedule and which may include many items that would be "teacher provided".

This sharing of ownership of the kits makes equitable science access more cost effective across all of our districts.

**PRICING, KIT DESCRIPTIONS, ETC. CAN BE FOUND AT
WWW.ESD101.NET/SCIENCE**

OUR GOAL

Our goal is provide quality hands-on materials and professional development that allow for successful implementation of STEM instruction in schools/districts throughout the NEWESD 101 region.

NGSS ALIGNED

The kits are aligned to NGSS standards and include quality materials and digital resources.

COST EFFECTIVE

Split the costs of curriculum with the members of our cooperative rather than investing on your own.

TRAINING

Customized professional development to best fit the needs of your staff.

ELEMENTARY TITLES (K-5)



KINDERGARTEN

- Living Things & Their Needs
- Push, Pull, go
- Weather & Sky

1st GRADE

- Exploring Organisms
- Light & Sound Waves
- Sky Watchers

2nd GRADE

- Ecosystem Diversity
- Matter
- Earth Materials

3rd GRADE

- Life in Ecosystems
- Forces & Interaction
- Weather & Climate Patterns

4th GRADE

- Plant & Animal Structures
- Energy Works
- Changing Earth

5th GRADE

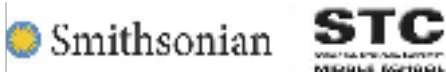
- Matter & Energy in Ecosystems
- Structures & Properties of Matter
- Earth & Space Systems



ENGINEERING IS ELEMENTARY

- Designing Windmills
- Designing Water Filters
- Evaluating a Landscape
- Making Work Easier
- Seeing Animal Sounds

MIDDLE SCHOOL TITLES (6-8)



6th GRADE

- Electricity, Waves, and Information Transfer
- Structure and Function
- Weather & Climate Systems

7th GRADE

- Earth's Dynamic Systems
- Ecosystems and Interactions
- Matter and Its Interactions

8th GRADE

- Energy, Forces, and Motion
- Genes and Molecular Machines
- Space Systems Exploration



6th GRADE

- 6.1 Light and Matter
- 6.2 Thermal Energy
- 6.3 Weather, Climate, and Water cycling
- 6.4 Plate Tectonics and Rock Cycling
- 6.5 Natural Hazards
- 6.6 Cells and Systems

7th GRADE

- 7.1 Chemical Reactions and Matter
- 7.2 Chemical Reactions and Energy
- 7.3 Metabolic Reactions
- 7.4 Matter Cycling and Photosynthesis
- 7.5 Ecosystem Dynamics and Biodiversity
- 7.6 Earth's Resources and Human Impact

8th GRADE

- 8.1 Contact Forces
- 8.2 Sound Waves
- 8.3 Forces at a Distance
- 8.4 Earth in Space
- 8.5 Genetics
- 8.6 Natural Selection and Common Ancestry

Additional Services

SCHOOL-OWNED KIT & MATERIALS SUPPORT

For schools within NEWESD 101 who own their own science kit, we are able to offer refurbishment and materials support for you.

Some of the options include going through your kits and refurbishing them once or more times a year, or simply filling an order of what items each teacher needs to have refilled.

Each district/school has different needs in regards to their needed support in this area. We welcome the opportunity to speak with you to see how we are able to help support our districts.

MAKERSPACE MATERIALS PACKS

A Makerspace Materials 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, models for different subjects, etc.

ALTERNATE CURRICULUM MATERIALS SUPPORT

Along with the titles offered in the Science Kit Cooperative, we are also able to order materials support/refurbishment services for curriculums that are outside the scope of our offered titles. For example, we are able to offer supplies for the refurbishment of Project Lead the Way (PLTW), OpenSciEd, etc.



BETH WORTHY, NEWSRC Program Manager
(509) 789-3525 | bworthy@esd101.net

MICHELLE GROVE, Elementary Regional Science Coordinator
(509) 789-3727 | mgrove@esd101.net

TAMMIE SCHRADER
Secondary Regional Science Coordinator
(509) 323-2725 | tschrader@esd101.net

ERIK WOLFRUM, Director of Teaching & Learning
(509) 789-3551 | ewolfrum@esd101.net

Add-Ons

Cost for the add-ons is dependent on the customizable nature of the add-ons and the individual needs of the district/teacher.

GAME-BASED LEARNING

Incorporate game-based learning to enhance your kit lessons (or any subject) in all grade levels.

POCKETLABS

Integrate PocketLabs resources into your kit lessons in all grade levels.

ROBOTICS/CODING

Coaching

Coaching/instruction to bring robotics into your classroom.

"Day Camp"

Offer a half day or full day of a robotics and/or coding camp or class visit with robots.

CHAT GPT

Support and workshops for integration into your classroom.

CYBERSECURITY

Provide instruction and skills to protect digital assets from cyber threats.

ADDITIONAL OPTIONS

- Curriculum Planning Help
- Curriculum Adoption Help
- Coaching Support
- Purchase physical copy of teacher's guide

If you don't see what you're interested/need, please contact us. We will be happy to customize add-ons to meet your needs.