These kits were created in partnership with St Cloud State University and Great River Regional Library to address learning gaps by grade level as evidenced by data within our local school districts. These activities will give your students a fun way to close this gap.
UNITED 21ST CENTURY COMMUNITY LEARNING CENTERS

A community-wide collaborative which builds on the partnerships of multiple organizations to support students’ needs before, during, and after-school in ways that matter most to our community. Based on the collective impact model, research of Partner for Student Success, and a diverse group of community partners, this grant specifically focuses on the following local student needs:

- High-quality out-of-school time programming for students eligible for free or reduced meals
- Positive identity, with a specific focus on students that self-identify as African American students of slave descent
- Literacy development, with a specific focus on students with a home language other than English
- Meaningful family engagement

Grant partners align programming, resources, and professional development to support student and family needs based on a data-driven approach which identifies root causes, and leverages and develops proposed solutions according to student needs. This takes place within the context of continuing program improvement and a collective impact approach.

The UNITED 21CCLC collaborative includes a network of centers and satellite centers across two school districts and several communities in central Minnesota. It leverages and builds upon the experience and commitment of partners, including our community’s library system; national youth serving organizations; community-based organizations; university system; Central Minnesota’s largest healthcare provider; school districts and schools. Through these partners, this collaborative is developed with the voices and representation of the community.

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ACADEMIC ENRICHMENT

Makerspace Activity Kits
These kits were developed in partnership with Great River Regional Library.

**Circuit Challenge Kit**
*Ages 8+

Combine logic and science for a fun, electrifying lesson in circuitry. Sixteen tokens snap into place in different combinations to complete the circuit and light the beacon. Challenge cards get you started by showing where to place your starter token, and then you figure out where to place the other tokens needed to complete the pattern (circuit).

*One kit available.*

Access Training Materials
- Circuit Maze Set x 10

**Code-a-Pillar Kit**
*Ages 4+

Code-a-Pillar inspires little learners to be big thinkers by encouraging preschoolers to arrange (and rearrange) the easy-to-connect segments in endless combinations, sending Code-a-Pillar on his path. This learning toy encourages experimentation while developing important skills like problem solving, planning & sequencing and critical thinking.

*One kit available.*

Access Training Materials
- Code-a-Pillar Set x 10
Makerspace Activity Kits
These kits were developed in partnership with Great River Regional Library.

**LEGO Kit**
*Ages 5+

LEGO materials are combined with challenge cards to provide unique prompts for young people to be inspired and create their own build. This is a very simple, easy prep activity kit with several levels of difficulty for young people of many grade levels.

*Three kits available.*

[Access Training Materials](#)

- **LEGO Set x 1**

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**Make.do Kit**
*Ages 4+

Makedo is a cardboard construction kit that teaches kids through play to see the world not as it is but as it could be. Become a carpenter, artist, creator with paper!

*Two kits available.*

[Access Training Materials](#)

- **Make.do Set x 1**

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**Marble Run Kit**
*Ages 6+

A marble run is a form of kinetic art – an art form that contains moving pieces – that specifically involves one or more marbles competing in a race to win. Students explore the effects of gravity and inertia by building a marble track. Who can build a track that keeps the ball rolling for the longest time? Which wall will hold the history of record breakers?

*Two kits available.*

[Access Training Materials](#)

- **Marble Set x 1**
ACADEMIC ENRICHMENT

Makerspace Activity Kits
These kits were developed in partnership with Great River Regional Library.

Mouse Maze Kit
Ages 4+
Jack, the fully programmable robot mouse, is ready to follow commands to teach hands-on coding concepts! Create a step-by-step path for Jack using the 30 double-sided coding cards to provide the perfect introduction to coding concepts. Jack lights up, makes sounds, and features 2 speeds and colorful buttons to match coding cards for easy programming and sequencing.

Two kits available.

Access Training Materials

☑ Code & Go Robot Mouse Maze Set x 5

Snap Circuit Kit
Ages 8+
Snap Circuits® teaches basic engineering, electronics and circuitry concepts by using building components with snaps to assemble electronic circuits on a simple “rows-and-columns” base grid. The resulting projects function like the printed circuit board found in most electronic products. Each Snap Circuits® part is easily identifiable by a different color and purpose, and each kit includes an easy-to-follow project manual.

One kit available.

Access Training Materials

☑ Snap Circuit Set x 10
ACADEMIC ENRICHMENT

Makerspace Activity Kits
These kits were developed in partnership with Great River Regional Library.

All-in-One Kit
Ages 4+
This kit combines several coding set favorites to engage young people in several options for learning and play! Students can strengthen their skills by applying learning in several ways across kits. This makes for a great station-based activity for several small groups.

Five kits available.

Access Training Materials
- Botley Set
- Circuit Maze Set
- Clue Master Set
- Code-a-Pillar Set
- Code & Go Robot Mouse Set
- Code Hopper Set
- Code Master Set
ACADEMIC ENRICHMENT

Makerspace Activity Kits
*These kits were developed in partnership with Great River Regional Library.*

**Coding Board Game Kit**
*Ages 4+

**Access Training Materials**

This kit combines several coding set favorites to engage young people in several options for learning and play! Students can strengthen their skills by applying learning in several ways across kits. This makes for a great station-based activity for several small groups.

*One kit available.*

**Robot Turtles Set**

**Code Hopper Set**

**Mouse Mania Set**

**Code Master Set**

**Qwirkle Set**

**Access Training Materials**

- ✔ Code Hopper Set
- ✔ Code Master Set
- ✔ Little Codr Set
- ✔ Mouse Mania Set
- ✔ Robot Turtles Set
- ✔ Qwirkle Set
ACADEMIC ENRICHMENT

Mathematics Activity Kits

These kits were developed in partnership with St. Cloud State University Mathematics Education.

Adding & Subtracting Dice Kit
Grades 1+
One kit available.
Access Training Materials

☑️ Adding and Subtracting Dice Set x 10: Video Tutorial

Area of Shapes Kit
Grades 4+
One kit available.
Access Training Materials

☑️ Area of Shapes Set x 10: Video Tutorial

Bar Graph Thumb Data Kit
Grades 4+
One kit available.
Access Training Materials

☑️ Bar Graph Thumb Data Set x 10: Video Tutorial

But... That's Not Fair
Grades 6+
One kit available.
Access Training Materials

☑️ But... That's Not Fair x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

- **Compare Me Kit**  
  Grades 1+  
  One kit available.  
  Access Training Materials  
  ✔ Compare Me Set x 10: Video Tutorial

- **Counting Coins Kit**  
  Grades 2+  
  One kit available.  
  Access Training Materials  
  ✔ Counting Coins Set x 10: Video Tutorial

- **Creating Nets: Surface Area Kit**  
  Grades 4+  
  One kit available.  
  Access Training Materials  
  ✔ Creating Nets: Surface Area Set x 10: Video Tutorial

- **Draw Me A Number Kit**  
  Grades K+  
  One kit available.  
  Access Training Materials  
  ✔ Draw Me A Number Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

Equivalent Numerical Expression Kit
Grades 5+
One kit available.

Access Training Materials

- Equivalent Numerical Expression Set x 10: Video Tutorial

Estimating Irregular Figures Kit
Grades 6+
One kit available.

Access Training Materials

- Estimating Irregular Figures Set x 10: Video Tutorial

Flip It! Kit
Grades 2+
One kit available.

Access Training Materials

- Flip It! Set x 10: Video Tutorial

Fraction Kit
Grades 4+
One kit available.

Access Training Materials

- Fraction Kit Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

**Fraction Domino Kit**
Grades 3+

One kit available.

Access Training Materials

☑ Fraction Domino Set x 10: Video Tutorial

**Fraction Fun Kit**
Grades 3+

One kit available.

Access Training Materials

☑ Fraction Fun Set x 10: Video Tutorial

**Fraction-O Kit**
Grades 5+

Two kit available.

Access Training Materials

☑ Fraction-O Set x 5: Video Tutorial

**Fractions of a Group Kit**
Grades 3+

One kit available.

Access Training Materials

☑ Fractions of a Group Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

- **Fractions to Decimals Kit**
  Grades 4+
  One kit available.
  Access Training Materials
  ✓ Fractions to Decimals Set x 10: Video Tutorial

- **GCF, LCF & Fractions Kit**
  Grades 6+
  One kit available.
  Access Training Materials
  ✓ GCF, LCF & Fractions Set x 10: Video Tutorial

- **Graphing the Odds Kit**
  Grades 5+
  One kit available.
  Access Training Materials
  ✓ Graphing the Odds Set x 10: Video Tutorial

- **How Tall Am I? Kit**
  Grades 2+
  One kit available.
  Access Training Materials
  ✓ How Tall Am I? Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits

*These kits were developed in partnership with St. Cloud State University Mathematics Education.*

I'm Bigger Than You! No, I Am!

*Grades*

*One kit available.*

Access Training Materials

☑ I'm Bigger Than You! No, I Am! Set x 10: Video Tutorial

Inequalities Kit

*Grades 5+*

*One kit available.*

Access Training Materials

☑ Inequalities Set x 10: Video Tutorial

It's All About Placement Kit

*Grades 2+*

*One kit available.*

Access Training Materials

☑ It's All About Placement Set x 10: Video Tutorial

Lines & Shapes Kit

*Grades 3+*

*One kit available.*

Access Training Materials

☑ Lines & Shapes Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits

These kits were developed in partnership with St. Cloud State University Mathematics Education.

**Multiplication & Division in the Wild Kit**
*Grades 4+*

*One kit available.*

**Access Training Materials**

☑️ **Multiplication & Division in the Wild Set x 10: Video Tutorial**

**Oh, The Places You'll Roll Kit**
*Grades 3+*

*One kit available.*

**Access Training Materials**

☑️ **Oh, The Places You'll Roll Set x 10: Video Tutorial**

**Pom Pom Patterns Kit**
*Grades K+*

*One kit available.*

**Access Training Materials**

☑️ **Pom Pom Patterns Set x 10: Video Tutorial**

**Properties of Addition & Multiplication Kit**
*Grades 6+*

*One kit available.*

**Access Training Materials**

☑️ **Properties of Addition: Video Tutorial**

☑️ **Properties of Multiplication: Video Tutorial**
ACADEMIC ENRICHMENT

Mathematics Activity Kits

*These kits were developed in partnership with St. Cloud State University Mathematics Education.*

**Share the Beads Kit**

*Grades 3+*

*One kit available.*

Access Training Materials

- Share the Beads Set x 10: Video Tutorial

**Sum It Up Kit**

*Grades*

*One kit available.*

Access Training Materials

- Sum It Up Set x 10: Video Tutorial

**Taking Up Space Kit**

*Grades 6+*

*One kit available.*

Access Training Materials

- Taking Up Space: Part 1 Set x 10: Video Tutorial

**Time for Us to Get a Clock Kit**

*Grades 1+*

*One kit available.*

Access Training Materials

- Time for Us to Get a Clock Set x 10: Video Tutorial
Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

**Transformation Finder Kit**  
Grades 4+  
One kit available.  
Access Training Materials  
☐ Transformation Finder Set x 10: Video Tutorial

**Volume of Rectangular Prisms Kit**  
Grades 5+  
One kit available.  
Access Training Materials  
☐ Volume of Rectangular Prisms Set x 10: Video Tutorial

**What is the Missing Piece? Kit**  
Grades 2+  
One kit available.  
Access Training Materials  
☐ What is the Missing Piece? Set x 10: Video Tutorial

**What's Your Order? Kit**  
Grades 6+  
One kit available.  
Access Training Materials  
☐ What's Your Order? Set x 10: Video Tutorial
ACADEMIC ENRICHMENT

Mathematics Activity Kits
These kits were developed in partnership with St. Cloud State University Mathematics Education.

Which Is Taller? By How Much? Kit
Grades 2+

One kit available.

Access Training Materials

☑ Which is Taller? By How Much? Set x 10: Video Tutorial
Science Activity Kits

These kits were developed in partnership with St. Cloud State University Education Department.

**Animals & Habitats/How Do Penguins Stay Dry Kit**
Grades 1-2

*One kit available.*

Access Training Materials

☑ Animals & Habitats Set, grades 1-2
☑ How Do Penguins Stay Dry Set, grades 1-2

**Behavioral Observation/Daubenmire Habitat/Concentrations Kit**
Grades 6-8

*Two kits available.*

Access Training Materials

☑ Behavioral Observation Set
☑ Daubenmire Habitat Set
☑ Concentrations Set

**Body System Cootie Catcher/Cell City Kit**
Grades 6-8

*Two kits available.*

Access Training Materials

☑ Body System Cootie Catcher Set
   - Cell City Set
   - Origami Fetal Pig Set
   - DNA Origami Set

**Cabbage pH Indicator Kit**
Grades

*Two kits available.*

Access Training Materials

☑ Cabbage pH Indicator Set
Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

Chemistry in a Bag Kit
Grades 6-8
Two kits available.
Access Training Materials
☑ Chemistry in a Bag Set

DNA Extraction Kit
Grades 6-8
Two kits available.
Access Training Materials
☑ DNA Extraction Set

DNA Model Kit
Grades 6-8
Two kits available.
Access Training Materials
☑ DNA Model Set

DIY Soil Test Kit
Grades 6-8
Four kits available. Two kits available at each grade level.
Access Training Materials
☑ DIY Soil Test Kit
ACADEMIC ENRICHMENT

Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

Earth's Seasons & Heating Kit
Grades

----- kits available.

Access Training Materials
☑ Earth's Seasons & Heating Set

End Table Challenge Kit
Grades

----- kits available.

Access Training Materials
☑ End Table Challenge Kit

Flood Rescue Kit
Grades 6-8

Two kits available.

Access Training Materials
☑ Flood Rescue Set

Laser Maze Kit
Ages 8+

Two kits available.

Access Training Materials
☑ Laser Maze Set
ACADEMIC ENRICHMENT

Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

Earth's Seasons & Heating Kit
Grades

----- kits available.

Access Training Materials
☑ Earth's Seasons & Heating Set

End Table Challenge Kit
Grades

----- kits available.

Access Training Materials
☑ End Table Challenge Kit

Flood Rescue Kit
Grades 6-8

Two kits available.

Access Training Materials
☑ Flood Rescue Set

Laser Maze Kit
Ages 8+

Two kits available.

Access Training Materials
☑ Laser Maze Set
ACADEMIC ENRICHMENT

Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

Let's Explore Infrared Radiation Kit
Grades 5-6, 7-8
Four kits available, two at each grade level.
Access Training Materials
☐ Let's Explore Infrared Radiation Set

Lung Model Kit
Grades 6-8
Two kits available.
Access Training Materials
☐ Lung Model Set

Making Electric Circuits Kit
Grades 3-5
Two kits available.
Access Training Materials
☐ Making Electric Circuits Set

Measuring Infrared Radiation Kit
Grades 3-4
Two kits available.
Access Training Materials
☐ Measuring Infrared Radiation
ACADEMIC ENRICHMENT

Science Activity Kits

*These kits were developed in partnership with St. Cloud State University Education Department.*

**Motor Boat Kit**
Grades 6-8

*Two kits available.*

Access Training Materials
- **Motor Boat Set**

**Plant-tastic Exploration/Mouse Trap Car Kit**
Grades 6-8

*Two kits available.*

Access Training Materials
- **Mouse Trap Car Set**
- **Plant-tastic Exploration Set**

**Pocket Solar System Kit**
Grades

*Two kits available.*

Access Training Materials
- **Pocket Solar System Set**

**Rainy Day Experiment/Pizza Box Solar Oven Kit**
Grades 6-8

*Two kits available.*

Access Training Materials
- **Rainy Day Experiment Set**
- **Pizza Box Solar Oven Set**
ACADEMIC ENRICHMENT

Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

Scientific Process/Sizing Up The Moon
Grades
Two kits available.
Access Training Materials
☐ Sizing Up the Moon Kit
☐ Scientific Process Set

Snap Circuits Briefcase Kit
Ages 8+
Eight kits available.
Access Training Materials
☐ Snap Circuits Briefcase Set

Sorting & Properties/Living v. Nonliving Kit
Grades K-2
Two kits available.
Access Training Materials
☐ Sorting & Properties Set
☐ Living v. Nonliving Set
ACADEMIC ENRICHMENT

Science Activity Kits
These kits were developed in partnership with St. Cloud State University Education Department.

**Thermometer/Barometer Kit**
Grades 6-8
Two kits available.
Access Training Materials
✓ Thermometer/Barometer Set

**To See or Not to See Kit**
Grades 6-8
Two kits available.
Access Training Materials
✓ To See or Not to See Set

**Water Bar Kit**
Grades
Two kits available.
Access Training Materials
✓ Water Bar Set

**Wind Energy Kit**
Grades 6-8
Two kits available.
Access Training Materials
✓ Wind Energy Set