Designed to inspire young minds and nurture their curiosity, our Be A Maker Field Trips provide hands-on learning experiences through facilitated workshops that encourage learning through materials and tools, props, demonstrations and group interaction. Please indicate that you would like to reserve a Be A Maker Field Trip when completing your reservation request.

**Mega-Fort: The Power of Shapes** *(K4-4th Grade) $11 per child*

Let’s construct a fort! Participants will work as a team to design, build and test the strength of their forts using real building materials. During this hands-on activity, groups will use the scientific method as they explore the strength of shapes and experiment with basic engineering concepts.

**Wisconsin Standards for Technology and Engineering:** AC1.a.2.e, AC1.b.3.e, BB1.f.2.e, ENG3.a.2.e, ENG.a.3.e


**NGSS Standards:** K-2-ETS1-1, K-2-ETS1-3, 2-PS1-3, 3-5-ETS1-1, 3-5-ETS1-3

**Wisconsin’s Model Early Learning Standards:** Health and Physical Development: B.EL.2 · Language Development and Communication: A.EL.2 · Approaches to Learning: A.EL.2, A.EL.3 · Cognition and General Knowledge: A.EL.3, B.EL.3, C.EL.1, C.EL.3, C.EL.4

**Fluid Formations** *(K4-4th Grade) $13 per child*

Chemical reactions are happening all around us. Participants will learn about states of matter, make observations and put their hypotheses to the test with exciting science experiments. Join us to investigate how common household items can be transformed into ooey gooey creations!

**Wisconsin’s Model Academic Standards for Art and Design Education:** I.4.7


**NGSS Standards:** 2-PS1-1, 3-5-ETS1-1, 4-PS3-2

**Wisconsin Model Early Learning Standards:** Language Development and Communication: A.EL.1 · Approaches to Learning: A.EL.1 Cognition and General Knowledge: A.EL.1, B.EL.6, C.EL.1, C.EL.3, C.EL.4

**RobART** *(K4-4th Grade) $16 per child*

How do you make a robot dance? Let’s find out! Each participant will complete a simple circuit and use creative problem solving to bring a drawing robot to life. Before they go, they can unleash them to create a collaborative drawing.

**Wisconsin Standards for Technology and Engineering:** AC1.e.5.e, BB1.c.1.e, ENG5.b.3.e

**Wisconsin’s Model Academic Standards for Art and Design Education:** I.4.7


**NGSS Standards:** K-2-ETS1-2, 2-PS1-3, 3-5-ETS1-1, 3-5-ETS1-3, 4-PS3-2, 4-PS3-4

**Wisconsin Model Early Learning Standards:** Health and Physical Development: B.EL.2 · Approaches to Learning: A.EL.2, A.EL.3, B.EL.1 Cognition and General Knowledge: A.EL.3, C.EL.1, C.EL.3, C.EL.4
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**Blastoff! (K4-4th Grade) $14 per child**

Ready, set, launch! Participants will learn the importance of design iterations as they design, build and test-launch their very own rockets. This STEAM program is great for problem-solving and inspiring wonder about the principles of physics.

**Wisconsin Standards for Technology and Engineering:** AC1d.1e, AC1e.2e, ENGl1e, ENG3a.3e


**Next Generation Science Standards (NGSS):** K-PS2-1, K-2-ETS1-2, K-PS2-2, 3-5-ETS1-1, 3-5-ETS1-3

**Wisconsin Model Early Learning Standards:** Health and Physical Development: B.EL.2 · Language Development and Communication: A.EL.3 · Approaches to Learning: A.EL.2, A.EL.3, B.EL.1 · Cognition and General Knowledge: C.EL.3, C.EL.4

**Playground Engineers (K4-4th Grade) $11 per child**

Simple machines help make our lives easier and our playgrounds a ton of fun! Utilizing the six simple machines, participants will design and build a large pretend playground together with one-of-a-kind slides, swings and even inventions of their own design. After construction, we will create narratives and share how we imagine our playground coming to life.


**NGSS Standards:** 2-PS1-3, 3-PS2-2, 3-5-ETS1-3

**Common Core State Standards for Mathematics:** 1.G.1, 1.G.2

**Wisconsin Model Early Learning Standards:** Approaches to Learning: A.EL.2, A.EL.3 · Cognition and General Knowledge: A.EL.3, C.EL.1, C.EL.3, C.EL.4

**Our Five Senses (K3-1st Grade) $11 per child**

Explore the magic of sensory awareness and learn how we use information from our senses to create connections, understand the world and keep us safe. Participants will be able to explore their sense of sight, smell, sound and touch through interactive activities designed to demonstrate how everyone perceives each sense in our own unique way.

**Wisconsin Standards for Science:** SCI.SEP1.A.K-2, SCI.PS4.A.1

**NGSS Standards:** 1-PS4-1

**Wisconsin Model Early Learning Standards:** Cognition and General Knowledge: A.EL.1, B.EL.6, C.EL.1, C.EL.3 · Health and Physical Development: C.EL.1