



HOUGHTON-WAGMAN CHILDREN'S MUSEUM

where creativity comes to life!

## School Year Field Trip Learning Labs

### Super Bodies!

*First & Second Grade: S.C.1.L.14, S.C.2.L.14, HE.1.C.1, HE.1.P.7, HE.2.C.1, HE.2.P.7*

Children will create and explore models to learn about the amazing things our bodies do! This science focused lab will also emphasize math and art connections.

### Space Explorations

*First & Second Grade: MAFS.3.G.1, MAFS.4.G.1, MAFS.3.MD.2, MAFS.4.MD.2, SC.3.P.10, SC.4.P.10, SC.3.E.5, SC.4.E.5, SC.3.N.1, SC.3.N.3, SC.4.N.1, SC.4.N.3, SC.4.N.2.1*

Students will participate in activities and demonstrations designed to illustrate the universe and illustrate how we understand it. Students will learn about physics, geometry, measurement, and technology and how scientists use these concepts to study outer space.

### Super Small Science

*Third & Fourth Grade: MAFS.1.MD.1, MAFS.2.MD.1, SC.1.P.8, SC.1.N.1, SC.2.P.8, SC.2.P.9, SC.2.N.1*

Students will participate in activities and demonstrations designed to illustrate the big picture about the super small science of nanotechnology. Students will sharpen their observation and critical thinking skills by identifying the big ways that nanoscience affects the world around us.

### Art Exploration

*Third & Fourth Grade: VA.3.C.1, VA.3.C.2, VA.3.C.3, VA.3.S.1, VA.3.S.2, VA.3.O.3, VA.3.F.1, VA.4.C.1, VA.4.C.2, VA.4.C.3, VA.4.S.1, VA.4.S.2, VA.4.O.3, VA.4.F.1*

Children will explore artists, techniques, and schools of art while creating an original work of art to take back to school. This lab is comprised of several thematic modules targeted towards specific grades. As well as focusing on art, each module emphasizes a STEAM component – geometry, physics, chemistry, life sciences, or engineering.

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