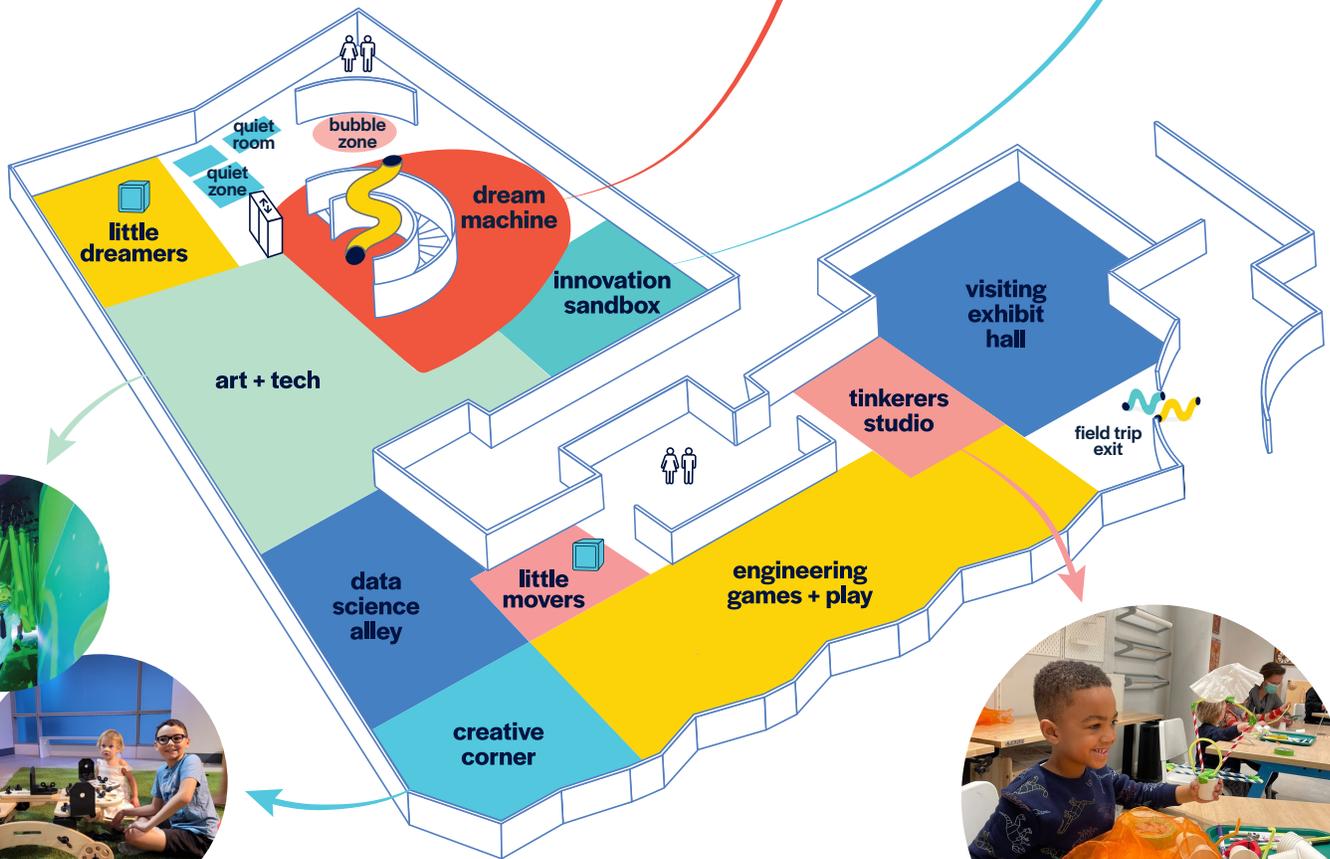


exhibits overview



PreK through 5th grade classrooms are invited to learn through play while visiting the Museum's 20,000 square feet of STEAM exhibits. Designed by educators and aligned to next generation science standards, Museum experiences complement classroom learning.

See other side for aligned science standards.



3 and under space



exhibit disciplinary core ideas

left: data science alley; right: art + tech

data science alley **(1st-5th)**

PS2.B: Types of Interactions

PS3.C: Relationship Between Energy and Forces

ETS1.A: Defining and Delimiting Engineering Problems

ETS1.B: Developing Possible Solutions

ETS1.C: Optimizing the Design Solution

Demonstrates strength and coordination of small muscles*
Demonstrates knowledge of numbers and counting*

engineering games + play **(1st-5th)**

PS2.A: Forces and Motion

PS2.B: Types of Interactions

PS3.C: Relationship Between Energy and Forces

ETS1.A: Defining and Delimiting Engineering Problems

ETS1.B: Developing Possible Solutions

ETS1.C: Optimizing the Design Solution

Shows persistence*

Investigates engineering*

Resolves conflict with others*

Approaches tasks flexibly*

Engages and plays with peers*

art + tech (preK-3rd)

ESS2.D: Weather and Climate

PS3.C: Relationship Between Energy and Forces

ETS1.A: Defining and Delimiting Engineering Problems

ETS1.B: Developing Possible Solutions

ETS1.C: Optimizing the Design Solution

Attends and engages with curiosity*

Engages and plays with peers*

innovation sandbox **(1st-5th)**

ESS3.C: Human Impacts on Earth Systems

ESS2.D: Weather and Climate

ETS1.B: Developing Possible Solutions

Investigates characteristics of Earth and Space*

Demonstrates strength and coordination of large muscles*

Uses symbols and takes on pretend roles*

creative corner (1st-5th)

ETS1.A: Defining and Delimiting Engineering Problems

ETS1.B: Developing Possible Solutions

ETS1.C: Optimizing the Design Solution

Shows persistence*

Investigates engineering*

dream machine (preK-5th)

Turn taking

Risk taking

Navigational skills

Proprioception

Shows persistence*

Demonstrates strength and coordination of large and small muscles*

tinkerers studio (preK-5th)

ETS1.A: Defining and Delimiting Engineering Problems

ETS1.B: Developing Possible Solutions

ETS1.C: Optimizing the Design Solution

Creative problem solving

Critical thinking

Risk taking

Perseverance

Attends and engages with curiosity*

Shows persistence*

little dreamers + little movers (preK)

Engages and plays with peers*

Resolves conflicts with others*

Investigates physical objects*

Engages in music and movement activities*

Demonstrates strength and coordination of large and small muscles*

*denotes DC Early Learning Standard (2019)