



Summer Camp Instructor B Only

Instructions: Please complete the following packet and submit as a .PDF.

Send to melissa@scienceworksmuseum.org along with your cover letter, resume, and references.

When applying to be a Camp Instructor 2 you must submit a completed application for each camp you would like to teach.

Current preferred camp topics:

- Physical Science:
 - Physics
 - Sound and music

- Life Science:
 - Any but must use microscopes

- Earth and Space Sciences:
 - Space science
 - Climate Sciences and climate change

- Engineering, Technology, and Applications of Science:
 - Sustainable technology: must highlight solar panels in ScienceWorks parking lot

Camp Instructor Name:

Name of Camp:

Age Range of Campers (select one):

Early Explorers (ages 4-5)

Young Scientists (ages 6-8)

Museum Masters (ages 9-12)

NOTE: *We are not currently accepting proposals for ScienceWorks Apprentice (ages 13-15) camp proposals*

Learning Objectives: Please write the learning objectives you plan to complete by the end of camp.

1.

2.

3.

4.

Next Generation Science Standards (NGSS) Alignment:

Please complete the following section. If you have questions regarding this section

please let us know. We are more than happy to help you complete this section correctly.

NGSS Domain of Science (Please select at least one):

Physical Science

Life Science

Earth and Space Science

Engineering Design

NGSS Science and Engineering Practices: Please select at least one practice your camp covers.

Asking questions (for science) and defining problems (for engineering)

Developing and using models

Planning and carrying out investigations

Analyzing and interpreting data

Using mathematics and computational thinking

Constructing explanations (for science) and designing solutions (for engineering)

Engaging in argument from evidence

Obtaining, evaluating, and communicating information

NGSS Cross-Cutting Concept: Please select at least one cross-cutting concept your camp covers.

Patterns

Cause and effect

Scale, proportion, and quantity

Systems and system models

Energy and matter: Flows, cycles, and conservation

Structure and function

Stability and change

NGSS Disciplinary Core Idea: Within the domain of science you selected, pick at least one core idea your camp will cover.

Physical Sciences:

PS1: Matter and its interactions

PS2: Motion and stability: Forces and interactions

PS3: Energy

PS4: Waves and their applications in technologies for information transfer

Life Sciences:

LS1: From molecules to organisms: Structures and processes

LS2: Ecosystems: Interactions, energy, and dynamics

LS3: Heredity: Inheritance and variation of traits

LS4: Biological evolution: Unity and diversity

Earth and Space Sciences:

ESS1: Earth's place in the universe

ESS2: Earth's systems

ESS3: Earth and human activity

**Engineering, Technology, and
Applications of Science:**

ETS1: Engineering design

ETS2: Links among engineering, technology, science, and society

Summer Camp Daily Plans:

Please summarize your daily plans for your week of camp below.

If you require additional space you may submit **this section only** as an additional document.

Monday:

Tuesday:

Wednesday:

Thursday:

Friday: