

STEM Activities and Content

Connecting Activities in Your Program to STEM Standards

Objective: Participants will link STEM academic standards to their program activities.

PART ONE: Looking At Your Program

Step 1: Take one large index card found in the middle of your table.

Step 2: Think of an activity the kids in your program love to do. Write the name of that activity in the top left corner of the index card.

Step 3: Next to the activity, identify which age group, or grades, participate in this activity.

Step 4: Next to the age group, write a one-line description of the activity.

Step 5: Using what you've learned today, and drawing from your previous knowledge, write three academic STEM standards the activity addresses.

PART TWO: Contributing to Other Programs

Step 1: Pass your index card to the person on your left.

Step 2: Take a moment to read the new card, understand the activity, and its link to STEM standards.

Step 3: Write at least one idea you think could be added to expand this STEM activity.

Step 4: Pass the card to you left.

Step 5: Repeat steps 2 and 3.

EXAMPLE:

Movie Day: Children (3rd-5th grade) Choose an appropriate title to watch 1 hour each Thursday.

* Add, subtract, multiply, and divide whole numbers, decimals, and fractions.

* Show, read, interpret, and compare data using line and bar graphs, tables, pie charts, and line plots.

* Compare data, draw conclusions, and make predictions.