



COLORFUL CREATIONS

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5 DAYS OF AFTER SCHOOL LESSON PLANS

GRADES K-5

**BEST
DAY
EVER!**[™]



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COLORFUL CREATIONS

Children will have a colorful time in this interactive week of activities! Key learning concepts will be fun and exciting as discoveries are made and games are played! While the lesson plan incorporates many different Pennsylvania Learning Standards, children will engage in specific activities that meet the PA Standard Areas of Science, Social Studies, Health, Wellness, and Physical Development, and Visual Arts.

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SCHEDULE

DAY 1: MAKER MONDAY

RAINBOW SUNCATCHERS

30 MINUTES

DAY 2: STEM TUESDAY

GROW A RAINBOW EXPERIMENT

30 MINUTES

DAY 3: AROUND THE WORLD WEDNESDAY

RAINBOW VILLAGE, TAIWAN

30 MINUTES

DAY 4: ARTSY THURSDAY

RAINBOW CIRCLE PAINTING

30 MINUTES

DAY 5: FIT FRIDAY

RAINBOW RELAY RUNNERS

30 MINUTES

MATERIALS LIST

- Translucent pony beads
- Fishing line
- Sturdy ornament hooks
- Prism beads
- Absorbent paper towels
- Cups of water, 2 per student
- Washable markers
- White construction paper or cardstock
- Red, orange, yellow, green, blue, and purple washable craft paints
- Paper plates
- White bulletin board paper, roughly 5' sheet
- 2 buckets of water
- World map or globe
- Optional: baking sheets or plastic trays

SHOPPING LIST

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DAY 1: MAKER MONDAY

RAINBOW SUNCATCHERS



ACTIVITY/CONCENTRATION

Description of Activity:

- **STEP 1:** Introduce rainbows to the students through the video by scanning the QR code below.
- **STEP 2:** Review: What is a rainbow? How is it made? What is refraction? What shape is a rainbow really?
- **STEP 3:** Say, "Today we're going to make suncatchers using beads and prisms. The prisms are going to help refract the light (bend the light) to create rainbows in your home!"
- **STEP 4:** Give students a 12" string of fishing line with a prism attached at one end. You will want to do this ahead of time to ensure the knots are tied tightly and won't fall apart.
- **STEP 5:** Provide cups of translucent pony beads for the students to string onto their fishing line. They can choose to do the beads in ROYGBIV order or a design of their choice.
- **STEP 6:** Tie the top of the string to a sturdy ornament hook so that the suncatcher can be hung in a window.



Figure 1: How is a Rainbow Formed - The Dr. Binco's Show



DURATION/SCHEDULE

30 minutes



MATERIALS

- Translucent pony beads
- Sturdy fishing line
- Sturdy ornament hooks
- Prism beads



LEARNER MODIFICATIONS



GOALS/OBJECTIVES

- Use nonconforming objects to create representations of real-life objects
- Complete multi-step tasks with independence



STANDARDS

- 9.1.D 2.E
- AL.2 2.B