

**OUT OF
THE BAG**

ART CAPSULE PLAYDOUGH COLOUR WHEEL



Colour wheel with primary and secondary colours.

Colour wheel with primary, secondary and tertiary colours.

ART CAPSULE | PLAYDOUGH COLOUR WHEEL

INTRODUCTION

Create a tactile colour wheel to introduce the science of colour mixing. Combine primary-coloured playdough (red/blue/yellow) to create secondary and tertiary colours in a fun hands-on and educational way.

AGE GROUP

Kindergarten-Grade 4

Grades 4-7

PROGRAM LENGTH

30-45 minutes.

COLOUR GROUP

Primary colours: red, blue, yellow

Secondary colours: mix 2 primary colours to create orange, green, violet.

Tertiary colours: mix 1 primary + 1 secondary colour to create red-purple, red-orange, yellow-orange, yellow-green, blue-green, blue-purple.

ART ACTIVITY

Materials:

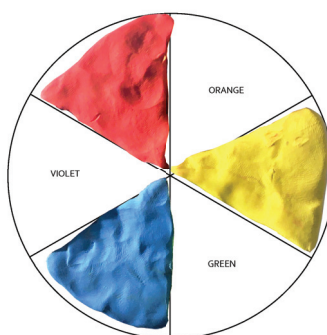
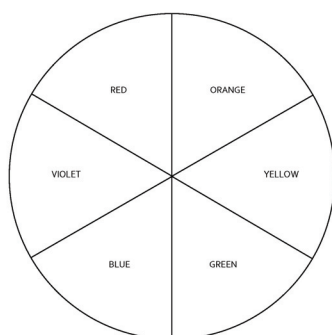
Playdough: equal parts red, blue, yellow (see below for recipe)

1-2 sheets white card or paper

pencil

Kindergarten-Grade 4

- » Draw a 4-6 inch circle on paper with six equal sections. Use a cup or lid to trace. Draw a line directly across the middle of the circle, then two more lines that split each half of the circle into thirds - like a pie with six even pieces. Start in one section and label each triangle with one of the following colours: red/orange/yellow/green/blue/violet. For printable circle template with colour names, see last page of lesson plan.
- » Start with primary colours of red, blue and yellow. Cover the red section with a pie-shaped piece of red playdough; repeat this process with the yellow and blue playdough.
- » Next create secondary colours. Mix red and yellow playdough to create orange, placing it on the orange section on the paper. Repeat, mixing yellow and blue to create green and mixing red and blue to create violet.

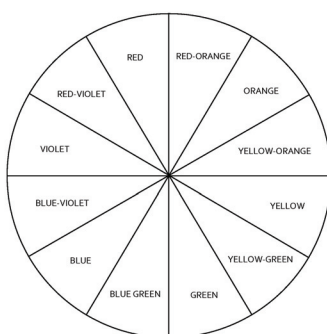


ART CAPSULE | PLAYDOUGH COLOUR WHEEL

ART ACTIVITY

Grades 4-7

- » Create a colour wheel that includes primary, secondary and tertiary colours.
See inset example image on front page.
- » Start process for colour wheel as described above to create primary and secondary colours.
Create a larger circle to start, about 6-8 inches wide.
- » Divide it into 12 pie-shaped pieces and label colours in order: red, red-orange, orange, yellow-orange, yellow, yellow-green, green, blue-green, blue, blue-violet, violet, red-violet.
For printable circle template with colour names, see last page of lesson plan.
- » Mix equal amounts of the following colour pairs to create each tertiary colour: red-purple, red-orange, yellow-orange, yellow-green, blue-green, blue-purple. Fill in the colour wheel as colours are completed.
- » Bonus: see what happens when mixing two complementary colours, such as yellow and purple or orange and blue? Hint: when mixed, they will lose much of the intensity of their colour.



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PLAYDOUGH RECIPE

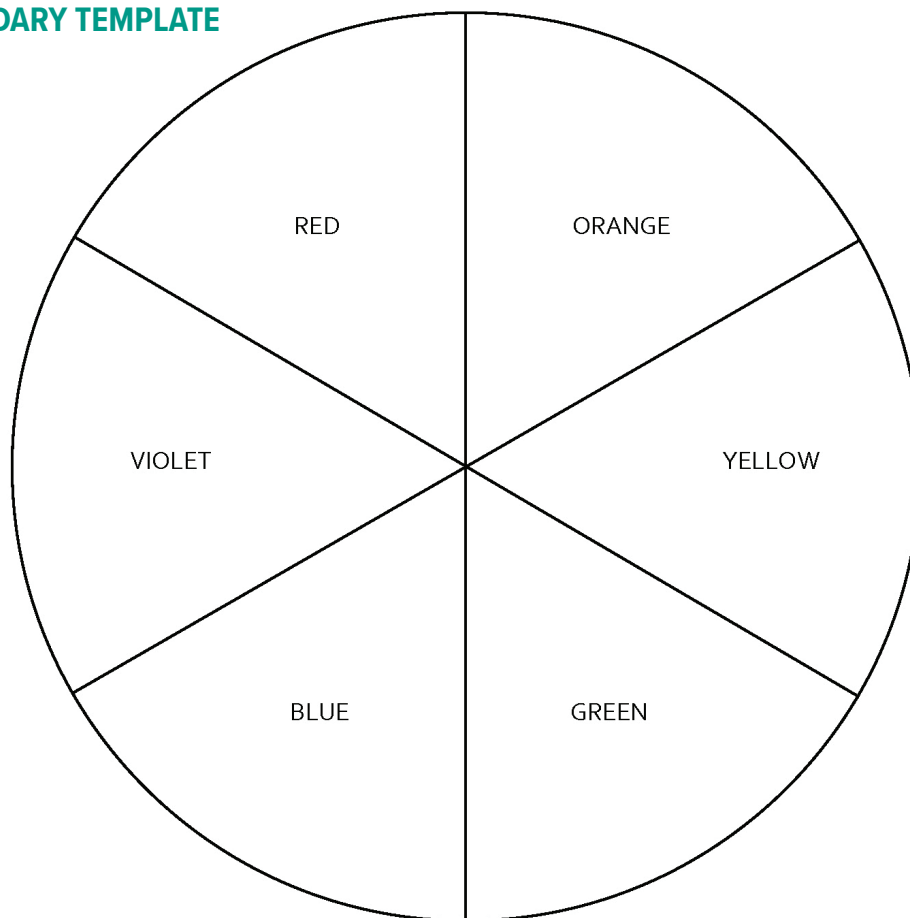
Per colour

8 tbsp plain flour
2 tbsp table salt
60 ml warm water
food colouring
1 tbsp vegetable oil

Directions

1. Mix flour and salt in a large bowl. In a separate bowl mix together water, a few drops of food colouring and oil.
2. Pour coloured water into flour mix and stir with a spoon.
3. Dust counter with flour and knead the dough mix to form a smooth, pliable dough.
For brighter colour add extra drops of food colouring.
4. Store in airtight container in fridge when not in use.

PRIMARY + SECONDARY TEMPLATE



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PRIMARY, SECONDARY + TERTIARY TEMPLATE

