



Rio Grande Educational Collaborative

Before and After School Program Lesson Plan

TITLE OF LESSON: DIY Play-Doh

DATE:

SITE NAME:

CLASS SIZE:

NAME(S) OF INSTRUCTOR:

DURATION OF LESSON:

CREDIT (website used/name of author): <https://www.diynatural.com/homemade-playdough>

COMMON CORE STANDARDS: SL.K.2, SL.3.1.B, SL.5.2, K.MD.A.2, 3.MD.A.2, 5.MD.C.4

LEARNING OBJECTIVES:

Students will understand the following:

- Basic chemistry knowledge (adding specific mixtures in predetermined quantities), but also adapt to unfamiliar situations when something goes wrong.

ACTIVITY:

Instructional Sequence:

(Step by step instructions, should another instructor pick up and teach the lesson successfully)

Walk students through the following process:

1. take $\frac{1}{8}$ cup of salt and $\frac{1}{2}$ cup flour and mix them together
2. Mix food coloring with water
3. SLOWLY add water, do not use all of it unless necessary
4. Wait for clumps to form and pull them out of the mixture
5. Stick them together and start kneading the mass
6. If dough is too sticky, use coat hands with leftover flour and continue to knead
7. Dough should be squishy, but easily breakable and not sticky
8. At this point, coat the entire dough ball in vegetable oil
9. Knead oil into the dough until it does not crumble; if this is still the case, then add more oil

The rest of the time will be spent cleaning. Assign roles to different students to collect supplies, wash dishes, and clean the room.

MATERIALS:

The following materials or equipment needed for this lesson:

(Include special equipment request)

- Flour
- Salt
- Water
- Vegetable oil
- Food coloring
- Plastic bowls

SIGNATURE: _____ **DATE:** _____

SITE SUPERVISOR'S SIGNATURE: _____ **DATE:** _____

INSTRUCTOR'S REFLECTION:

Reflection on the lesson given:

1. How many students participated in the lesson given? _____
2. Name(s) of instructors participated. _____
3. How long did your lesson take? (Amount of time) _____
4. How did the students feel about the lesson? _____
5. Did the students like the lesson? _____
6. What part of the lesson did the students like? _____

7. What part of the lesson did the students not like? _____

8. Were the students interested in the topic of the lesson? _____
9. Was the content of the lesson difficult for the students? _____
10. What could you have changed to make the lesson interesting? _____

11. Did you have any trouble getting your lesson together? (Idea & Materials) _____

12. How do you rate your lesson? (1-10) Why? _____

SITE SUPERVISOR'S REFLECTION:

Reflection on the instructor's lesson:

1. How many students participated in lesson? _____
2. How many instructors participated in lesson? _____
3. Did the students enjoy the lesson? _____
4. What part did the students enjoy? _____

5. What part did the students NOT enjoy? _____

6. What could have been changed to make the lesson interesting? _____

7. Was the content of this lesson difficult for students to understand? Why? _____

8. What part of STEAM or literacy was used? (Science, Technology, Engineering, Art, Mathematics or Literacy)

9. Comments: _____

