Jar Fireworks
Science Experiment



Take a look inside...

Use this in your special education classroom to demonstrate a simple science experiment. Perfect for visual supported science in ESY or Summer School.

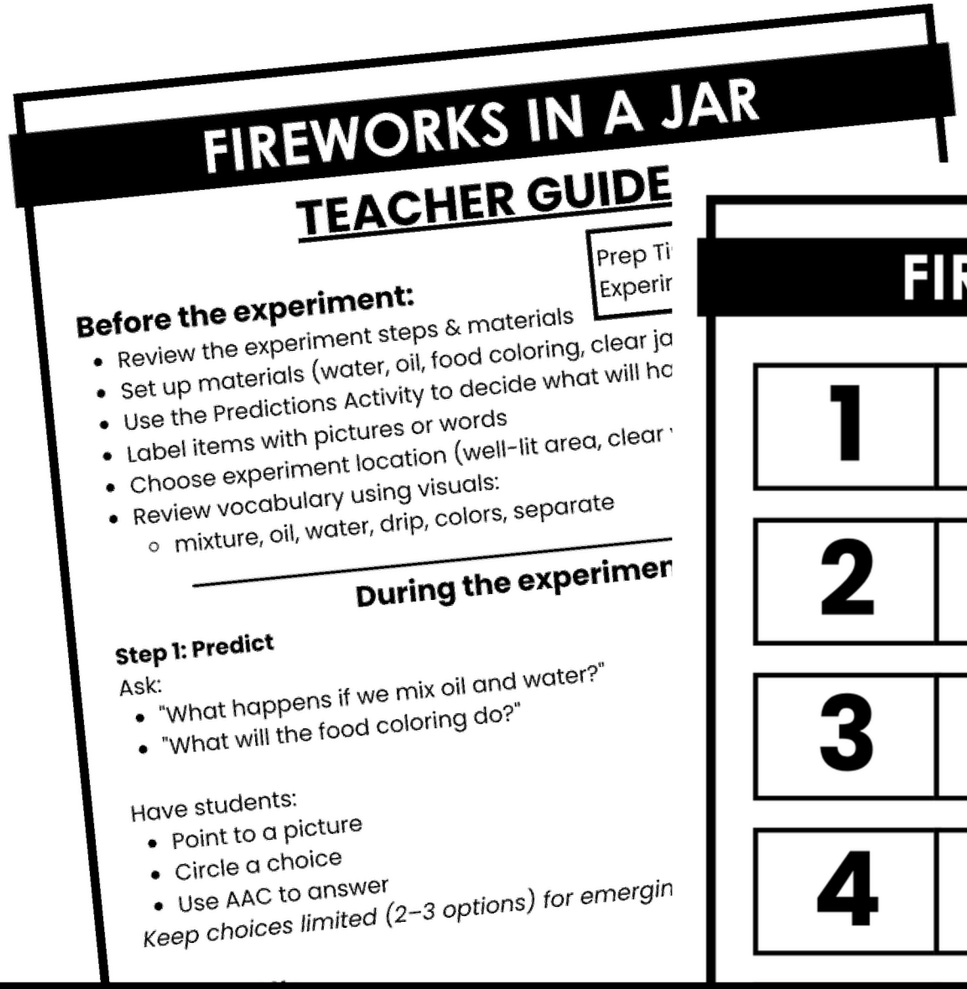
why? Simple Science Experiment

- teach science with fun and hands on experiments
- teach functional science skills in special education
- uses real pictures for concrete examples in every day life



What Is Included?

Teacher Guide


FIREWORKS IN A JAR

TEACHER GUIDE

Prep Ti
Experir

Before the experiment:

- Review the experiment steps & materials
- Set up materials (water, oil, food coloring, clear ja
- Use the Predictions Activity to decide what will ha
- Label items with pictures or words
- Choose experiment location (well-lit area, clear
- Review vocabulary using visuals:
  - mixture, oil, water, drip, colors, separate

During the experimer

Step 1: Predict

Ask:

- "What happens if we mix oil and water?"
- "What will the food coloring do?"

Have students:

- Point to a picture
- Circle a choice
- Use AAC to answer

Keep choices limited (2–3 options) for emergin

Visual Experiment


FIREWORKS IN A JAR

1	Make a prediction	
2	Fill the jar with water	
3	Add the oil to small cup	
4	Add food coloring to oil	

Printable Visuals

FIREWORKS IN A JAR

VISUALS

Simple Lists and Directions

Supplies List

FIREWORKS IN A JAR

Supplies:

- water in jar
- oil in cup
- food coloring

½ page directions

Fireworks in a Jar Experiment

Step 1: Make predictions



Step 2: Add ingredients



Step 3: Write what you saw

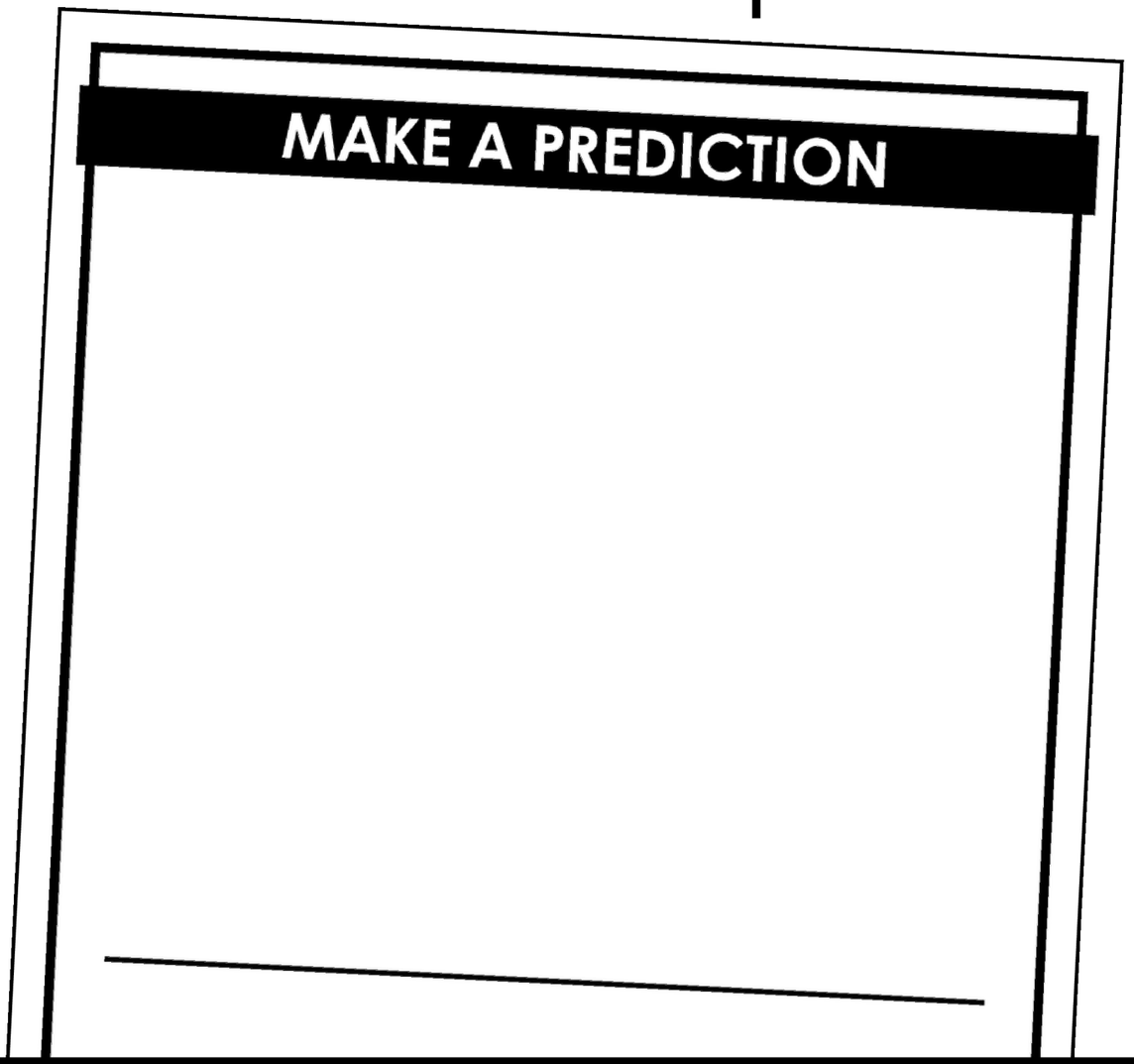


Make A Prediction Draw & Write

Sentence Starter Prompt

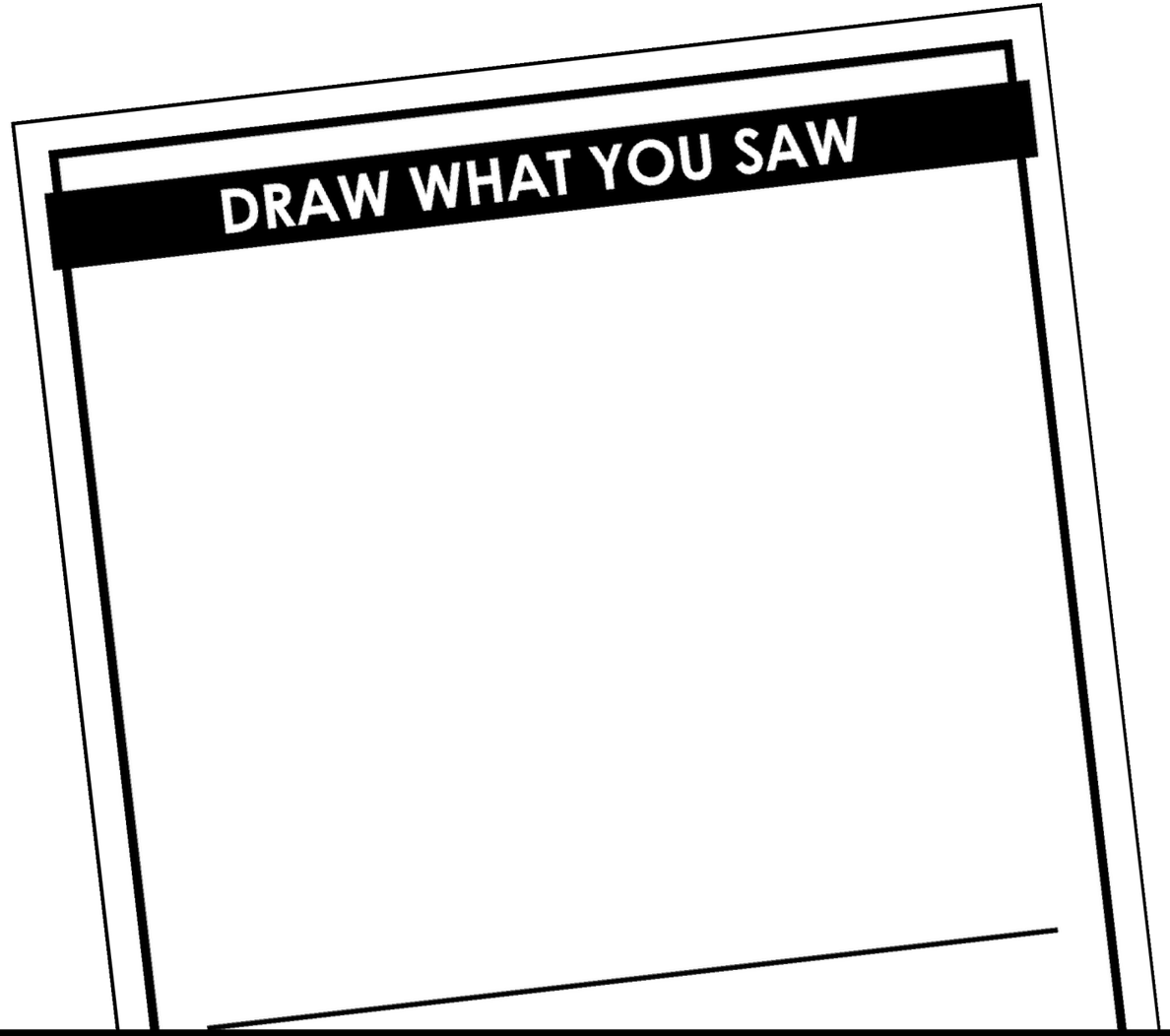


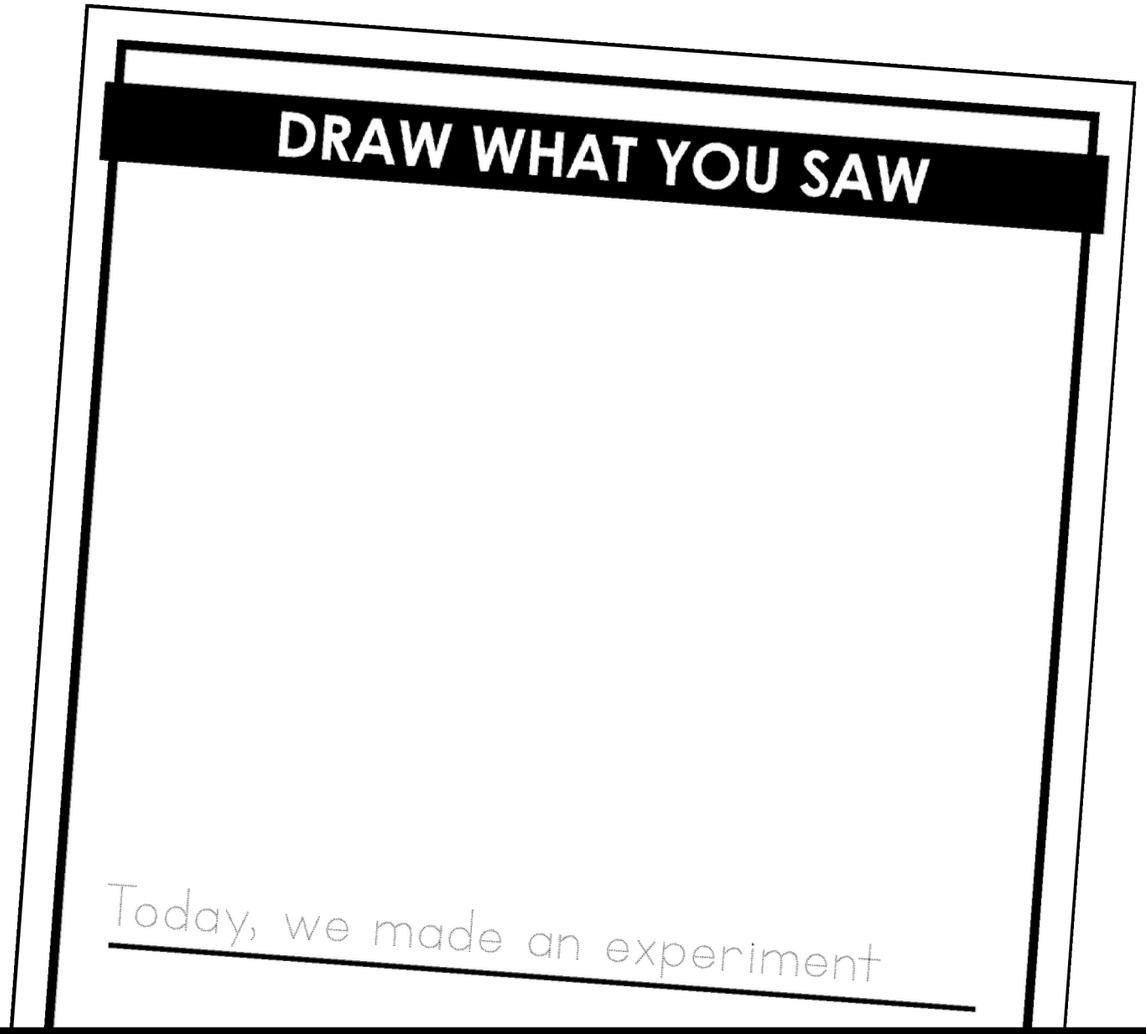
No Prompt



Extension Activities

Draw What You Saw (2 Levels)





How can I use this resource?

1. Use in whole group science lessons
2. Use for hands-on learning experiences
3. Ideal for ESY or Summer School