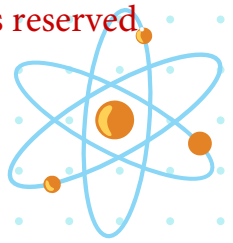


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2024 AFTER SCHOOL &
SCHOOL DAY CLUB
LESSON PLANS



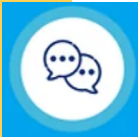
THE SUPERVALUES OF **PERFECTLY ME**



Encourage self-directed & collaborative work



Help kids build compassion, empathy, & listening skills



Celebrate strong relationships, communication, and problem-solving



Prioritize hands-on, evidence-based activities to build confidence, courage, and agency

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PERFECTLY ME **STEM**

Supervalues

- Curiosity
- Persistence
- Problem Solving
- Courage
- Collaboration
- Confidence
- Self-Respect
- Community
- Teamwork
- Hardwork





PERFECTLY ME STEM

Monthly Lesson Structure

- Students will investigate a key STEM Value each month - exploring in four lessons the value's application to science, technology, engineering, and math.
- In this series, students will explore the supervalue of curiosity. Each lesson will introduce students to a different STEM area while emphasizing the importance of curiosity in learning and problem-solving.

Standards Alignment: CASEL 5 - SEL Standards

- Self-Awareness: Recognizing curiosity as a driver for learning.
- Responsible Decision-Making: Encouraging students to ask questions and explore.
- Relationship Skills: Working together to investigate and experiment.

THE SCIENCE OF CURIOSITY



Teacher Prep - Preview lesson, Prepare science experiment

Supplies - Baking soda, vinegar, food coloring, balloons, plastic bottles, eye protection

Today's Goal

Students will understand how curiosity drives scientific discovery and will conduct a simple experiment to observe chemical reactions.

Students will develop....

- **Self-Awareness:** Recognizing curiosity as a key trait of scientists.
- **Relationship Skills:** Collaborating during the experiment.

Ice Breaker - Curiosity Corner Partner Share

- Pair students with a buddy scientist. Tell them to introduce themselves and answer today's question. Be ready to introduce and share their partner's answer.
- "What's something you've always wondered about the world?"
- Allow time for each pair to share their answers and to build a collective sense of wonder about our world!



5-10 MINS

Class Meeting - sets a tone of positivity, community, and focus for the day's activities. Allow students time to adjust to this routine and model an opening gratitude share. Review today's main message.

Today's Message

Curiosity leads to scientific discoveries. Asking questions and seeking answers is the greatest superpower of a scientist.

Gratitude Share

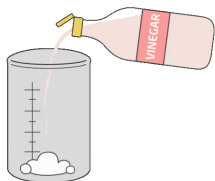
5 MINS

Main Activity - Balloon Blow - Up

- Students will mix baking soda and vinegar in a plastic bottle and watch as a balloon inflates. Supervise as appropriate and provide assistance as needed.
- Watch [this video](#) for directions and explanations.



- **Compassion & Curiosity Focus:** Discuss how curiosity can lead to discoveries that help others, such as finding cures for diseases.
 - How else has curiosity helped others?
 - Record student answers on chart paper.
- **Clean Up**



Close - Reflect on today's supervaluable lesson. How did curiosity lead to this experiment?

What questions do you have about what you observed?

End with a positive reflection and STEM Hero Chant!

