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Slime Studio Series with Alexis 🧪

Instructions:

Check out this sample lesson plan and activity ideas for inspiration, ideas, and more. Feel free to edit, delete, or highlight to make it your own! These notes are yours to customize. They will not be published anywhere such that you're held to teaching exactly what's here.

Topics

Slime, activator, color, glitter, scent

Lesson Ideas

Lesson Title

Slime Studio Series

Duration

1 Hour

Lesson Plan

1. **Introduction to Slime (5 minutes)**
  - Briefly explain what slime is and its components.
  - Discuss different types of slime and what makes them unique (e.g., stretchy, fluffy, glittery).

2. **Making Basic Slime (15 minutes)**
  - Distribute materials.
  - Guide students step-by-step through making basic slime using glue and activator.
  - Explain chemical reactions at a basic level, like how the activator changes the glue into slime.

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3. **Personalizing Slime (20 minutes)**
   - **Color:** Allow students to choose their favorite colors and mix them into their slime.
   - **Glitter:** Present different glitter options for students to incorporate.
   - **Scent:** Provide a variety of safe, kid-friendly scents so they can add a personal touch.

4. **Exploration and Sharing (10 minutes)**
   - Encourage students to explore different textures and consistencies by adding more activator or glue.
   - Provide time for students to share their creations and discuss what combinations they used.

5. **Clean-up and Closing (10 minutes)**
   - Guide students in cleaning their workspace.
   - Recap the day's activities and discuss what they enjoyed most about their slime.
   - Preview the next session in the Slime Studio Series if applicable.

Materials List

- White or clear glue
- Slime activator (like contact lens solution with baking soda or liquid starch)
- Food coloring
- Glitter
- Safe-scented oils or extracts
- Mixing bowls
- Spoons or craft sticks
- Airtight containers for slime storage

Adaptations for Different Ages

- **Younger Children:** Use larger mixing bowls to prevent spills and limit to one or two personalization options like adding only glitter or color.
- **Older Children:** Allow more complex personalization, such as combining colors to create marbled effects or experimenting with different ratios of ingredients for varied textures.

Movement Break

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- **Slime Stretch Dance (5 minutes):** Have students stand up and mimic the slow, stretchy movements of slime with their bodies. Encourage them to elongate their arms and legs, bend and flow, pretending they are the slime they just made.

Bonus Activities

- **Slime Art Display:** Set up a space for kids to display their unique slime creations, maybe even vote for different categories like "Most Original Color" or "Sparkliest Slime".
- **Scientific Exploration:** Younger students can graph their favorite slime features (color, texture), while older kids might hypothesize what happens when different amounts of activator are used.

Series Outline

Week 1: Introduction to Slime
- Discuss the history and science of slime.
- Basic slime-making demonstration with simple recipes.
- Group activity: Make a basic slime with supervision.

Week 2: Choosing and Using Activators
- Discuss different types of activators and their effects.
- Hands-on experiment comparing various activators like borax and liquid starch.
- Create a science journal for recording results and observations.

Week 3: Exploring Color in Slime
- Introduction to color theory and mixing.
- Create custom colors using food dye and paint.
- Group challenge: Match colors to objects in the room.

Week 4: Adding Glitter and Texture
- Discuss different types of glitter and textures (beads, foam, etc.).
- Hands-on activity: Add glitter and textures to basic slime.
- Explore different effects and document findings in the science journal.

Week 5: Scents and Aromatherapy Slime
- Introduction to essential oils and scents.
- Experiment with adding different scents to slime.

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- Discuss how scents can influence mood and creativity.

Week 6: Glow-in-the-Dark and UV Slime
- Explore the science behind glow-in-the-dark and UV materials.
- Make glow-in-the-dark slime using phosphorescent powder.
- Create UV-reactive slime and test it with black lights.

Week 7: Seasonal and Holiday Slime Themes
- Discuss themes and corresponding colors/scents (e.g., fall spice, winter mint).
- Create themed slime tailored to upcoming holidays.
- Craft slime labels and containers for gift-giving.

Week 8: Experimenting with Non-Newtonian Fluids
- Explore what makes slime a non-Newtonian fluid.
- Conduct experiments with different recipes to observe viscosity changes.
- Group activity: Try making oobleck and compare to slime.

Week 9: Slime Art and Craft Projects
- Use slime as a medium for creative art projects.
- Demonstrate how to make slime sculptures and shapes.
- Collaborate on a large-scale slime mural or installation.

Week 10: Slime Showcase and Reflection
- Set up a slime exhibition with all projects and experiments.
- Encourage students to present their favorite slime recipe and its evolution.
- Reflect on the series: What was learned, favorite aspects, and ideas for future exploration.

For additional support, reference this experience outline template which includes tips and prompts to help you develop and lead an excellent Grasshopper Kids experience.

Note: This lesson plan outline was drafted by Hopper. If you would like to see different results, you can submit another idea, or text us with feedback so we can work to make the algorithm better. We built this tool to help save you time in bringing more kids enrichment experience ideas to life!

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