

Mathematics

- Make some slime and add 2D foam shapes to it. Have fun playing and stretching with the slime (this is amazing for fine motor skills), now pick out the 2D shapes and have fun sorting them and matching them.
- Talk about (and record if you wish) the properties of 2D shapes (number of sides and corners; could also find lines of symmetry).
- With an adult talk about the measurements of the ingredients in your slime recipe; practise reading measurements, decide on which measurement tools you will need for your recipe and then do the measuring! *TT: Great opportunity to start talking about halves and quarters.
- After making your batch of slime from your science experiment, stretch and tear it, forming around 6 'blobs' of different sizes. Using kitchen scales weigh each blob in grams. Record measurements in ascending order. *TT: Estimating would be a great concept to try here too – will the next blob of slime be lighter or heavier than the last?
- Stretch your slime/s as much as you can without it tearing. Use a ruler to measure the slime lines in centimetres. Record your results. At the end of the unit, check to see which batch of slime proved the stretchiest. What was the difference between the longest and shortest slime line?
- Make counters out of slime and use them to assist you with your number bonds!
- Time how long it takes you to make different batches of slime throughout this unit. Can you convert the minutes to seconds? Which slime took the longest and why? Which was the fastest to make and why? What was the difference between the longest and fastest?

Science

- Find a recipe for slime you haven't used before (you might like to watch a YouTube tutorial on how to make slime), check with an adult that it is a recipe that uses safe ingredients. This will be written up and carried out as a scientific experiment. Give your experiment a **name**; list the **equipment/ingredients** needed; write a **prediction** – what you think the outcome will be? List the **method** (steps) required to carry out the experiment and finally record your **results** (did it turn out how you wanted it to?) *TT: you can find some free KS1 experiment writing templates online, also this could be a great opportunity to start talking about liquids and solids. (CC: English, Genre of writing: Instructional)
- Snails and slugs produce slime when they move. Research how they produce slime and why?
- Draw and label the life cycle of a snail.

Learning by Topic Framework

Slime

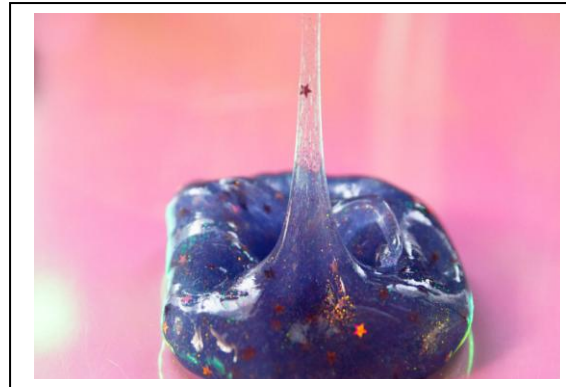


English

- **Theme/Spelling words: ooze, wobbly, glitter, ingredients, texture, recipe, stretch, sticky, safety, method**
- Flatten out some slime and using magnetic letters spell your theme words by pressing letters into the slime. If you don't have magnetic letters you could press some beads (or a similar type of object) into the slime to form the shape of the letters. TT: This can be done on numerous occasions and is great for fine motor skills, also many children find slime play very calming.
- List spellings in alphabetical order.
- Write your theme words in sentences, try to use connectives, verbs, adjectives and adverbs in your sentences.
- Write out a shopping list of the ingredients you will need to make your slime from your science activity.
- Write a story imagining you are a superhero with the power to shoot slime from your hands. How will your powers be used to help protect people? (Genre of writing: Narrative) *TT: perhaps you would prefer to tell your story in a comic strip.
- List as many adjectives as you can to describe slime.
- Create a slime monster! Now create a character profile for your slime monster: what is its name? What does it like to eat? Etc.
Monsters are often portrayed as the villains in stories. Can you write a story where your slime monster is the hero? Perhaps for your published copy you could type it up (word document or PowerPoint Presentation) and add photographs of your slime monster to your story – perhaps some of your other toys or items around your house will make an appearance in your story and therefore in your photos!
- After you have completed the first activity from the Art/DT section write two reviews for the toy company. The first review for the original clear slime they sent and the second for the slime you created. How many stars will you give the different slimes at the end of your reviews? (Genres of writing: Personal Response and Review)

History

- Slime may seem like it is a fairly recent craze but did you know it has been a popular toy since 1976? (43 years ago!). Toy company, Mattel first released a green slime that came in a small plastic garbage bin. There have been lots of changes to slime over the years; there have been slime board games, slime sold as part of Ghostbusters and Teenage Mutant Ninja Turtle toys. Famous actors and actresses even get slimed at the Nickelodeon Kid's Choice Awards! Read through the main parts of the link below with an adult:
<https://www.completeset.com/slime-a-history-of-mattels-grossest-toy-plus-tips-on-how-to-make-slime/>
- Now on a timeline record key changes to slime toys over the past 43 years.
- Is the slime you enjoy making and playing with very different to the original green slime? Write down similarities and differences.



Art / Design and Technology

- Imagine a toy company has sent you some slime to review. It is clear slime that comes packaged in a plain white cylinder container. They want to know how it could be improved; what would you add the slime to make it more interesting and exciting? How could you make the packaging fun and appealing? Design the slime and the packaging and now have a go at making both! *TT: use a kitchen roll to make a mock design for the packaging.
- What interesting things can you make with your slime?
- Try adding different textures into slime recipes. Make a mood board with samples of different materials you have added (or plan to add) to your slime creations!

Learning by Topic Framework

Slime

Geography

- Using some slime can you create a world map? Try and mould the slime as best you can to the shapes of the continents. It might not look identical to the world but you will have created your own world of slime! You might like to rename some countries so that they have a "slimier" sounding name! (CC: Design and Technology)
- Mattel, the toy company responsible for creating and selling the first slime toy, is an American company. Can you locate America on a map? Find out lots of different information and facts about America (you may already know some!) Present your findings in any way you choose (e.g. PowerPoint Presentation, cardboard poster)

Key:

CC: Cross Curricular
KS1: Key Stage One
*TT: Top Tip

Suggested Reading List:

Slime Girl (Adventure Series)
Horrible Harry and the Green Slime

PSHE / Music/PE

- PSHE: Toy companies should stop making and selling slime that contains borax. Discuss what this means with an adult. Do you agree with this statement? Why/why not? (CC: English, Genre of writing: Persuasive)
- Music: Think about the different ways your slime moves. Using instruments/household objects try and create sounds to match the movements.
- PE: Lots of fine motor strengthening will occur when playing with your slime!