girl scouts
of eastern washington
and northern idaho

VAMPIRE SLIME

Vampire Slime looks and feels like the same kind of slime that you've come to know and love, but something is different! It turns from eerie GREEN to blood RED when you hold it up to the light. Maybe that's why we call it Vampire Slime!

Vampire Slime is a great illustration of how our eyes see light that is reflected off of an opaque substance or transmitted through a translucent material. There's a lot of science behind this very cool twist on slime...

How does it work? Here's the secret... Vampire Slime contains a dye that creates a special effect. At most angles the slime absorbs all light frequencies except green, which is why our eyes see it as green. But light passing directly through the slime appears red because the special dye is absorbing all of the light except for red, which means that light is two separate things when it comes in contact with slime.

Vampire Slime beautifully demonstrates the properties of reflected light and transmitted light with the super cool, kind of gross, and a little spooky color-changing element!

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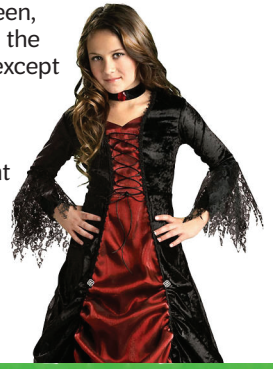

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The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.

77% of girls say that, because of Girl Scouts, they are considering a career in STEM (Science, Technology, Engineering, & Mathematics).

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