

#### **Engagement 4.1: Why doesn't superglue stick to the inside of the tube?**

Tape. Elmer's Glue. Rubber Cement. Gorilla Glue. All of these fall in the category of "surface chemistry", are adhesives, and all involve connecting one surface to another in some way. Below are five ways that adhesives work. Design a one-page infographic that gives more details as to how these work, and give an example of each.

Drying

Cooling

Chemical Reaction

Moisture cure

UV cure

Here are some links to get you started:

[http://www.softschools.com/difference/adhesion\\_vs\\_cohesion/38/](http://www.softschools.com/difference/adhesion_vs_cohesion/38/)

<https://www.explainthatstuff.com/adhesives.html>

<http://www.adhesiveandglue.com/adhesive-definition.html>