# Composite Materials

A composite is a combination of two or more materials: a reinforcing material for strength and stiffness, and a glue or binding material, such as a resin, to surround and hold the reinforcement in place.

**reinforcer + binder = composite**

# Homework:

Your homework is to look at composites in relation to rocket materials and research the following:

* Micro-composites
* Piezoelectric
* Carbon-Carbon
* Metals

How has NASA’s development of materials helped industry?