

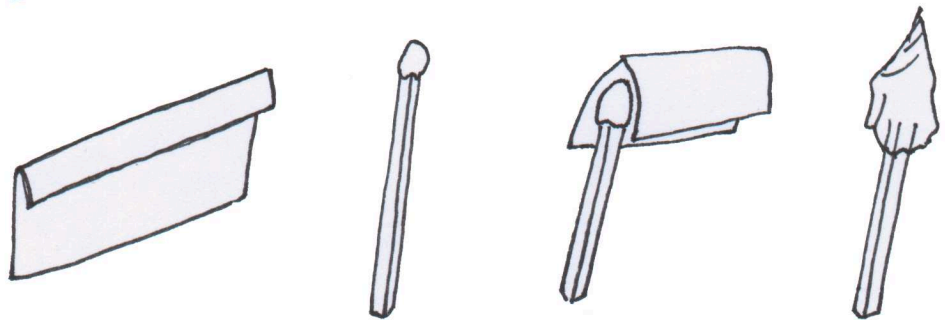
# FAKE IT TILL YOU MAKE IT

# MATCHSTICK ROCKET

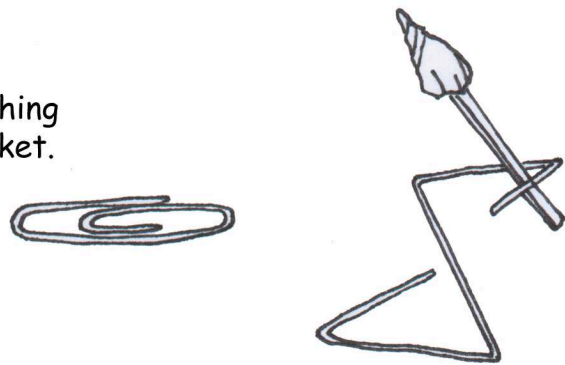
**MATERIALS:** 2 Matches  
Aluminum Foil  
Paperclip

**THEORY:** Like any conventional rocket, the matchstick-rocket works by focusing an explosion to propel the rocket forward. In the situation of the matchstick-rocket the aluminum foil contains the eruption of gas and focuses it from the match-head towards the matchstick.

**STEPS:** 1. Take the aluminum foil and wrap the end of the match-head with it so that it's covered tightly.



2. Fold your paperclip into a launching device for your matchstick rocket.



3. Use your second match to light a fire under the aluminum foil tip of your matchstick rocket and hold it there until the rocket shoots away.

