

# STEVE WOLF'S FESTIVAL STUNT SCIENCE REVIEW SHEET

Stunt work is about using Science and \_\_\_\_\_.

To make fire, you have to have 4 components. They are \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, and a \_\_\_\_\_.

If you take away any one of the components, the flame goes out.

Fluids are materials that \_\_\_\_\_ and take the \_\_\_\_\_ of the container you put them in.

You can control the flow of a fluid using a device called a \_\_\_\_\_.

The chemical reactions from a fire can create \_\_\_\_\_.

\_\_\_\_\_ is in every living thing on this planet.

Steve's 5 IN Rule of Chemical Safety says that if you're going to be in \_\_\_\_\_,  
in \_\_\_\_\_, in \_\_\_\_\_ or in \_\_\_\_\_ any substance, you need to  
read the in \_\_\_\_\_!

If your house catches fire, get out right away and call \_\_\_\_\_.

When actors are flying in the air, they wear a \_\_\_\_\_. You can wear  
similar safety equipment every time you get in a car by wearing a seat belt.

No matter how far a stunt person falls, \_\_\_\_\_ does all the work.

Air is a solid, liquid or a gas? (circle one)

Unlike liquids, gases are \_\_\_\_\_, meaning you can squeeze them with  
pressure and make them smaller. If you squeeze a gas to half its size, you double its  
pressure.

The physics word for something we're lifting is called a \_\_\_\_\_.

One pulley changes the \_\_\_\_\_ of the force on a rope.

Several pulleys can \_\_\_\_\_ your strength. To figure out how pulleys can  
help you lift something heavy, \_\_\_\_\_ the weight of the load by the number of  
ropes attached to it.

You can even lift things that are \_\_\_\_\_ than you are.