

ACTIVITY 1

SPIES IN DISGUISE: JOIN THE TEAM!

Lance and Walter are part of the Spies Agency Headquarters. They work together to solve problems. Complete the activity below to show them how you could help their team.

TOP SECRET

PART 1: What makes you unique? What are your skills and talents? Fill out the spy profile below. Tell how your unique skills will help Lance and Walter save the day!

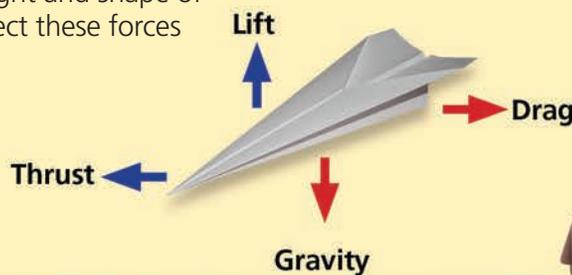
Name:

Skills: Describe your personality and talents. Are you calm in a crisis? Do you have a talent for numbers? Are you inventive? Are you good with gadgets?

Describe how your skills can help Lance and Walter:

PART 2: Now, put your skills to work! Imagine that you must engineer a way to send a crypto-disc to Spies Agency Headquarters. In the movie *Spies in Disguise*, Lance uses a gliding suit to skillfully snatch a briefcase and deliver it back to headquarters. That gives you the idea to solve your problem with a paper glider. Working with your teammates, use the materials your teacher gives you to design a paper glider that will fly a penny (your substitute crypto-disc) from one end of the classroom to the other. You can slip the penny into the slit on the top of the glider and secure it with a paper clip underneath. Try different positions for the penny and different wing shapes to complete your mission!

Did you know? Paper gliders fly farthest when the four forces acting on them are balanced. These forces are thrust, lift, drag, and gravity. *Thrust* is the glider's forward motion – your push-off. *Lift* occurs when air moves more quickly over the top of the wings than the bottom. *Drag* occurs when air "pushes" against the glider. *Gravity* pulls a glider towards the ground. Changing the weight and shape of a glider – especially the wings – will affect these forces and change the way a glider flies.



JOIN LANCE AND WALTER AS THEY TEAM UP
ON AN EPIC MISSION IN *SPIES IN DISGUISE!*