Name:

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Forces - An Introduction Lab Activity

Think

How can you recognize a force? List some ideas that let you know a force is present:

What are some action words (verbs) that refer to forces or may describe motion, which is caused by a force?

Imagine you put a book between you and another person. Both people would gently push from either side of the book. One person would push slightly harder than the other, then switch, and finally balance the forces on the book.

Draw What kind of force would be acting on the book?

Force:

Agent:

Receiver:

Look at the pictures. For each picture, list the agent (A), the receiver (R) and describe the effect (E) of the force (what did the force cause to happen to the receiver?)

1. A= E=R=

2. A= E=R=

3. A=	R=	E=
4. A=	R=	E=
5. A=	R=	E=
6. A=	R=	E=
7. A=	R=	E=

Activity

Go through the lab stations #1-6 and do what the instruction on the card says. For each station, record the agent (A), receiver (R), and effect (E) of the force.

Station One- A=	R=	E=
Station Two- A=	R=	E=
Station Three- A=	R=	E=
Station Four- A=	R=	E=
Station Five- A=	R=	E=
Station Six- A=	R=	E=