

MAKE A MOONQUAKE

1 FIRST, TAKE SOME TIME TO **EXPLORE HOW WAVES MOVE** THROUGH THE SPRING TOY.

2 HOLD THE END OF YOUR OWN SPRING TOY AND STAND IN A CIRCLE AROUND THE PRESENTER.



ORIGIN
OF THE QUAKE



ABOUT
3-4 FEET



3 STAGGER HOW FAR AWAY YOU ARE FROM THE MIDDLE.

HAVE AT LEAST ONE PERSON **FAR AWAY** AND ONE PERSON **CLOSER IN**.

ABOUT
8-10 FEET



4 WATCH THE WAVE OF MOTION TRAVEL THROUGH YOUR SPRING TOY AS THE PRESENTER MOVES THE HANGER.



YOU'RE EACH ACTING LIKE A **SEISMOGRAPH** TO MEASURE THE QUAKE.

5 AS SOON AS THE WAVE REACHES YOU, **RAISE YOUR HAND!**

WHO FELT THE QUAKE FIRST?
DOES THE MOVEMENT YOU FEEL IN YOUR HAND CHANGE DEPENDING ON HOW THE PRESENTER MOVES THE HANGER?