

Activity 1. Read. Fill in each blank with ONE word in the box.

lean

away from

gravity

direction

toward

1. When Peter saw the dog, he tried to run _____ it immediately because he was afraid that it might bite him.
2. Mary is a skater. She is turning right, so her skates have to turn to the right and she has to _____ to the right.
3. While Newton was sitting under an apple tree, an apple fell down from the tree to his head because of _____.
4. Linda wants to play the merry-go-round so she is running _____ it.
5. We have to go in this _____ to come to the sports center.

Activity 2. Read. Circle the correct answer A, B or C.

1. When the cars go down _____, the drivers make them slow down so that they don't cause any accidents.
A. a roller coaster ride B. a steep hill C. a safety bar
2. When you go on _____, you sit in a car and move in a circle.
A. a roller coaster ride B. a steep hill C. a safety bar
3. Ancient people used to use _____ to make fire. They rubbed two pieces of stone until it caught fire.
A. centripetal force B. a safety bar C. friction
4. You pull down the _____ to get ready for a roller coaster ride. It helps to keep you safe in your seat.
A. safety bar B. centripetal force C. friction
5. When you swing a yo-yo, it keeps moving in a circle. It's because of _____.
A. centripetal force B. friction C. steep hill

Activity 3. Read. Listen. Circle T (True) or F (False).

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| 1. They're talking about how to balance when skating. | T | F |
| 2. They will push the door hard next. | T | F |
| 3. The girl's sister is going to perform tomorrow. | T | F |
| 4. The boy and his mother are going home. | T | F |
| 5. The wheels of her car broke down. | T | F |