

SPIN IN GOLF

Spin is important in golf as it helps you hit higher and farther and controls your landing.

SPIN: to turn or cause to turn round and round rapidly.
(Verb)

SPIN is caused when the ball rolls up the club face

Center of Gravity (COG)

Force above COG gives **TOP SPIN**

Force through COG results in **NO SPIN**

Force below COG gives **BACKSPIN**

A ball hit from the tee can have backspin revolutions of nearly 3,000 revolutions per minute (RPM) – that’s three times the speed of a car wheel! A wedge shot can spin at 10,000 RPM.

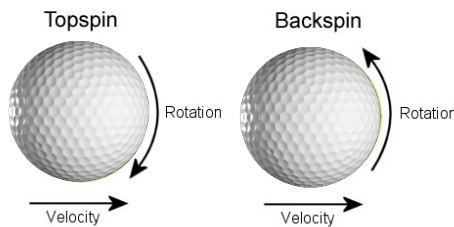
BACKSPIN

By hitting down on the ball backspin is created.



By applying backspin to the ball, it helps it lift up and travel farther. When it lands it will bounce back towards you and control the ball from bouncing past your target. Topspin is bad as it sends the ball downward into the ground.

Which way is the ball moving for each spin. Towards you or away from you?



OBJECTIVE

Discover what happens to a ball with backspin when it lands or bounces.

You can use any ball for this experiment. A basketball, tennis ball, sponge ball or even a bouncy ball.

First throw the ball normally. Observe what happens after the ball bounces.

Next, when you throw the ball roll your fingers down on the ball creating backspin. Answer the question below.

Record your findings.

What happens to the ball when you apply backspin?
