The pencil is placed at the **PIVOT POINT** of the bat. When the bat falls and hits the block, the **PIVOT POINT** should *not* move or else the pencil will break.

When the bat hits the block at one end, it **SPINS** and the pencil will break.

When the bat hits the block at the other end it will **SPIN** the other way—the pencil will break again.

When hit at a **SPECIAL SPOT**, the bat's **SPIN** will exactly cancel its motion upwards at its **PIVOT POINT**.

The pencil will not break since the **PIVOT POINT** will not move.