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☑ Step-by-Step Photo Guide
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Get Going Glass
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THE THREAD FROM PENCIL TO MATCHBOX IS ALMOST VERTICAL

HANG THE ASSEMBLY WITH THE PENCIL AS SUPPORT IN MIDDLE. IF THE MATCHBOX IS RELEASED THE GLASS WILL FALL & BREAK !!

SO DO NOT DO THIS !!

PENCIL

90-degree Angle

Now hold the matchbox at a rough angle of 90 degrees as shown and release the Matchbox!

Surprisingly, the matchbox along-with the thread twirls around the pencil. The GLASS does not fall !!
THIS PHOTO SHOWS THE MATCH BOX TWIRLING AROUND THE PENCIL!

AS THE MATCH BOX THREAD GETS SHORTER THE TWIRLING SPEED INCREASES!

FINALLY THE THREAD GETS ENTWINED AROUND THE PENCIL.

BECAUSE OF FRICTION THE GLASS DOES NOT FALL!

CLOSE-UP OF FINAL VIEW
1. Tie a mug and a matchbox to the two ends of a 1.5-m long thread.

2. Place the thread on a pencil such that the mug is suspended. Now take the matchbox below the pencil and release it.

3. Something surprising happens. The mug does not fall and break. Instead, the matchbox rotates and the thread winds itself around the pencil a few times. This prevents the mug from falling down.

Get Going Mug

Mug

Matchbox

Thread

Pencil

Mug

Matchbox

Thread

Pencil