

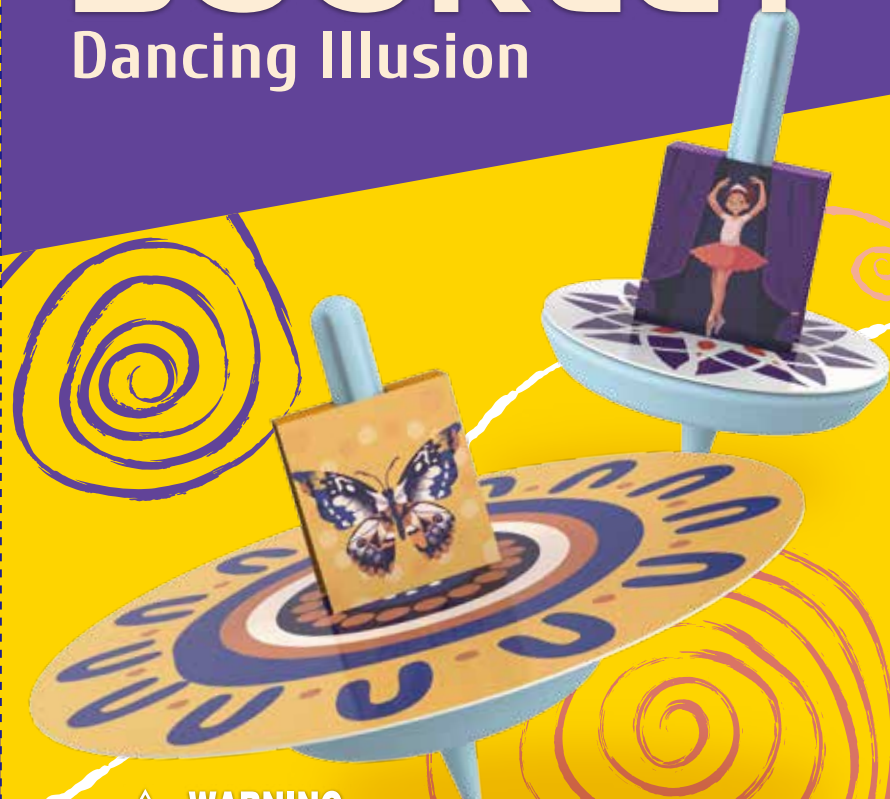
FUN FACTS

SPINNING TOP IS ONE OF THE OLDEST
TOYS FOUND BY ARCHEOLOGISTS



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WEBSITE: WWW.PLAYSTEAM.COM EMAIL: INFO@PLAYSTEAM.COM ADDRESS: SUITE 35 - 36 THE DESIGNWORKS,
PARK PARADE, LONDON, NW10 4HT. MANUFACTURED BY HANGZHOU ZT MODEL COMPANY LIMITED. ADDRESS: NO 6
MINGDE RD., PUYAN, BINJIANG, HANGZHOU, CHINA.

LEARNING
BOOKLET
Dancing Illusion



WARNING:
CHOKING HAZARD - Small parts,
Not for children under 3 years.

AGES 8+

⚠ WARNING MESSAGE

GENERAL WARNING ⚠

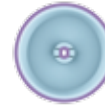
Before you begin, please read through the instructions together with your children. Make sure you understand the safety messages. Please keep the packaging and instructions, as they contain important information.

This kit is designed for children over 8 years of age. This product contains small parts which may pose a choking hazard. It is not suitable for children under 3 years old. Please keep individual parts and the fully-assembled product away from children under 3 years of age.

Screws and other metal parts may have sharp edges. Children should have adult supervision when assembling the product.

Last but not least, please clean the parts and finished product with a damp cloth. Do not use any soap or cleaning solutions.

Package Contents



•Body



•Large Design Discs



•Spindle



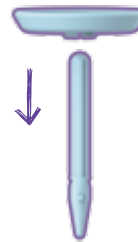
•Small Design Discs



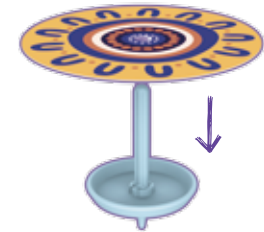
•Cardboard Image Squares

Installation steps

1. Insert the body onto the spindle. Firmly push the body until it locks.



2. Add large or small design discs to set on the body.



3. Fold the cardboard image square and add it onto the spindle.





What does it do?

Attach a cardboard image on the spindle. Spin the top and watch the colors mix to form a new image. The closer you get to the edge, the more the colors mix together.



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How does it work?

Have you noticed that a top does not spin in one place? That is called precession. The axis (spindle) position changes due to gravity making the top wander. Watch the interesting patterns that a spinning top creates. Try to spin in clockwise and counterclockwise.



3

FUN FACTS

FUN FACTS 01

Do you know which colors you should mix to get green? Here is a clue: You need two of the three primary colors, which are blue, red and yellow.

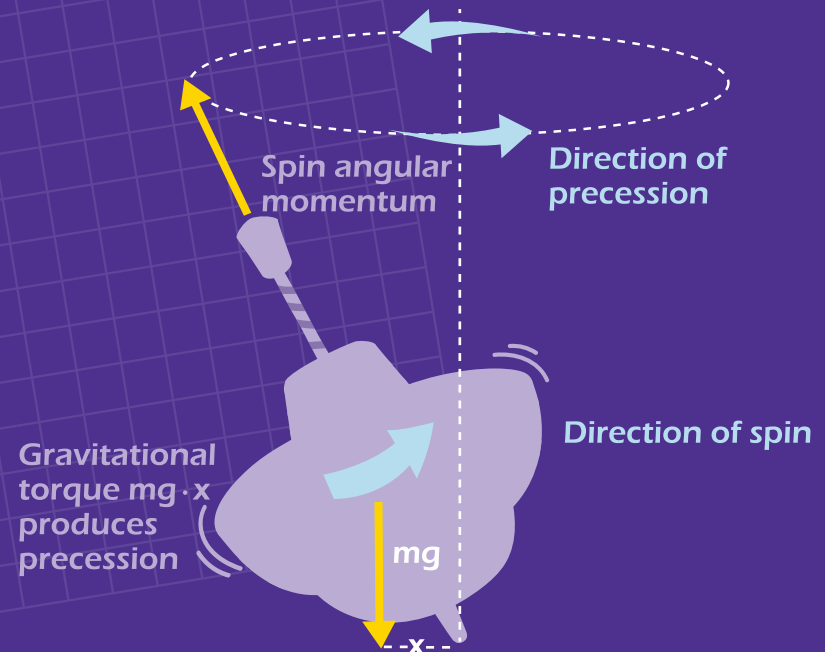
Try to draw your own disc with primary colors and create new ones by spinning the top.



FUN FACTS 02

Do you know what keeps a spinning top upright?

It is not an easy question. It is due to what scientists call the angular momentum, which is a kind of force that prevents the spinning top from falling when it rotates.



FUN FACTS 03



Spinning top is one of the oldest toys found by archeologists. A clay top unearthed in Iraq dates back to 35th century BC, so about five thousand six hundred years ago. Besides toys, spinning tops also have been used for gambling and prophecy in tribes throughout the world in history.



Ancient Roman wooden spinning top, from Tebtynis (Egypt), dating from the 1st–3rd century CE

