

Rising Star



August
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..... The Youth Newsletter of your Alhambra Credit Union

Thaumatrope

((((((((It's fun to Spin))))))))

During the last 75 years of the 19th century, scientists were interested in a phenomenon known as “the persistence of vision.” Our brain seems to retain the impression of an object for a fraction of a second after its disappearance. This led to the possibility that we could create the illusion of continuous movement.

Thaumatrope is a word created from Greek that roughly means “wonder turner”. This optical toy, invented in


1824, is a disk or card usually made of paper with parts of a drawing on either side. When the card is twirled with strings at two edges, the images seem to merge creating a single image. These devices delighted generations of people and many are still with us today.

Simple toys like these inspired experimentation, discovery and inventions that led to animation and cinematography — Our modern Movies!

More Fun—Thaumatrope are made as jewelry too, in the form of a necklace or pendant.

Kids—Here are some spinners you can make—Cut out the spinner—Fold on dotted line—Open up and apply glue on one half—Center heavy thread or string over this half—Refold and press—When dry, hold string in both hands and spin!

✂

I am a 

Rising Star

Alhambra Credit ♥ Union

fold

glue

attach string

Spin!

Share!

Alhambra Credit ♥ Union

Fun Facts about our 50th State

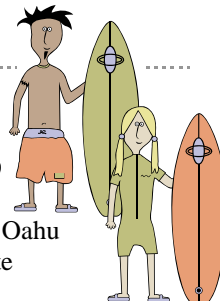
Basics

Hawaii became our 50th State on August 21, 1959

Postal Code HI

Capital Honolulu, Oahu

Nickname Aloha State



State Symbols

Flower Hibiscus – yellow

Bird Nene – Hawaiian Goose

Tree Kukui – candlenut*



A special way to tell time ...



In ancient Hawaii, the nuts from the candlenut tree* were burned to provide

light. The nuts were strung in a row on a palm leaf midrib. One end was lit and they were burned one by one about every 15 minutes. The time it took for a kukui to burn led to their use as a measure of time. People could tell someone “Come home before the second kukui burns out”. Oil could be extracted from the nuts as well and burned in a stone lamp with a wick made of kapa cloth.

Kids ... Pretend you are in Hawaii. It's 1:15 in the afternoon. You ask your mom if you can go out and play. She says “Yes, but be back before the 3rd kukui burns out”.

What time do you need to be home ?

