

CRAFTY TUESDAYS

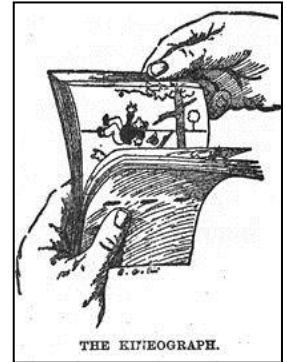


KINEOGRAPH (aka FLIP BOOK)

A *kineograph* ("moving picture") was an early form of animation using linear sequences to make images appear as if they were moving. This early style of animation is fun to make, and a great way to share a simple story with others! This craft could count towards the following girls' programming for Guides 'Discovering You - Discover Your Creativity', OR 'Beyond You – Try New Things' and for Pathfinders 'Movie Mania' OR 'The Arts from A to Z'.

MATERIALS:

- A pad of sticky notes or small pad of paper (25 sheets+)
- Pencil & pencil crayons or markers
- Ruler
- A nickel (or quarters for younger girls)



INSTRUCTIONS:

1. Think about something that moves, like a bouncing ball or an air balloon. Photo courtesy Wikipedia
Plan 20 moves that the ball will make. *Note:* The drawing doesn't have to be complicated. Focus on the ball image and add only one or two other images in the background.
2. Open the pad of paper **to the last page** and draw the end of your story. Use a coin to trace the ball. **Press a bit harder** than you usually would so you leave an impression on the page.
3. Turn back to the **second-to-last page** and trace your first picture, but using the ruler move the ball about 1/8 of an inch. Trace the coin so your ball is exactly the same shape.
4. Continue to move page after page, always moving the ball 1/8 of an inch on each new page.
5. Flip the pages of the pad from front to back to see the ball move!
6. Option: Go back and colour in each page, remembering that the images should always be coloured in the same colour so that the animation 'illusion' works!

ENHANCE THE LEARNING:

Guiders! Encourage the girls to think about what is happening in the brain to see the images look like they are moving! Ask them:

'How fast is your brain recognizing the images before the page flips?'

'Does the motion still work if you skip a few pages in the middle of the book?'