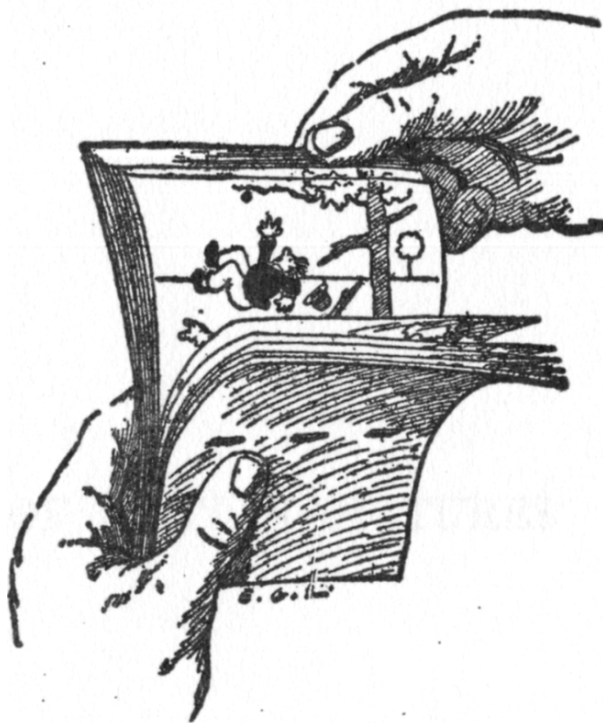


Homework 3 Assignment

Create a hand-drawn flip book showing an animation of a dancer. You will need a small stack of sheets that you can easily flip; a stack of Post-It notes works well. Your dancer can be a simple stick-figure but use what you've learned about animation and dance to make the motion look as realistic.

Extra Credit: I'll be showing your flip books to the animation professors and the top five will receive extra credit; the best flip book in the class will receive double credit (worth two homework assignments of credit).



From *Wikipedia*:

The first flip book appeared in September, 1868, when it was patented by John Barnes Linnet under the name kineograph ("moving picture"). They were the first form of animation to employ a linear sequence of images rather than circular (as in the older phenakistoscope). The German film pioneer, Max Skladanowsky, first exhibited his serial photographic images in flip book form in 1894, as he and his brother Emil did not develop their own film projector until the following year. In 1895, Thomas Edison invented a mechanized form of flip book called the mutoscope, which mounted the pages on a central rotating cylinder rather than binding them in a book. The mutoscope remained a popular attraction through

the mid-20th century, appearing as coin-operated machines in penny arcades and amusement parks. In 1897, the English filmmaker Henry William Short marketed his "Filoscope", which was a flip book placed in a metal holder to facilitate flipping.

Flip books are essentially a primitive form of animation. Like motion pictures, they rely on persistence of vision to create the illusion that continuous motion is being seen rather than a series of discontinuous images being exchanged in succession. Rather than "reading" left to right, a viewer simply stares at the same location of the pictures in the flip book as the pages turn. The book must also be flipped with enough speed for the illusion to work, so the standard way to "read" a flip book is to hold the book with one hand and flip through its pages with the thumb of the other hand. The German word for flip book—Daumenkino, or "thumb cinema"—reflects this process.