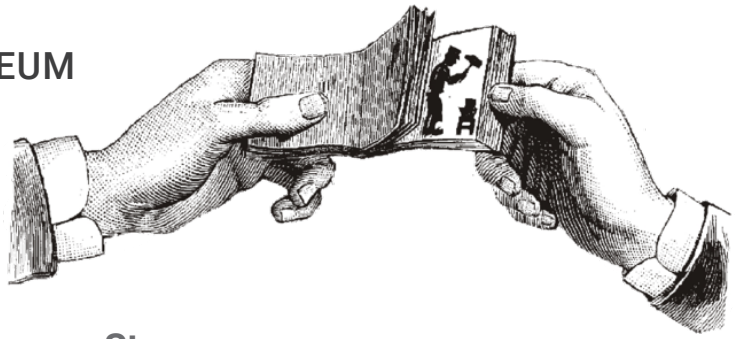


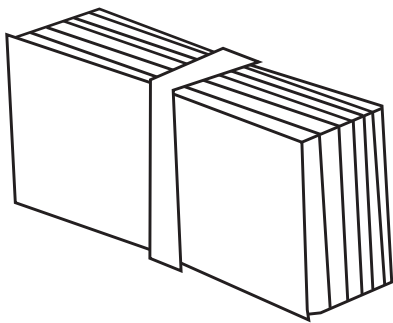
# HOW TO MAKE A **FLIPBOOK**

## WITH THE GEORGE EASTMAN MUSEUM



### You will need:

- a stack of blank index cards (or other heavy paper)
- a thick rubber band to hold the cards together
- crayons, markers, pens, or pencils for making your own designs
- scrap paper



**TIP:** You can make four different flipbooks from one set of cards when you put a rubber band around the middle of the card pile. Draw your images (near the edge) on both sides and both ends of the stack.

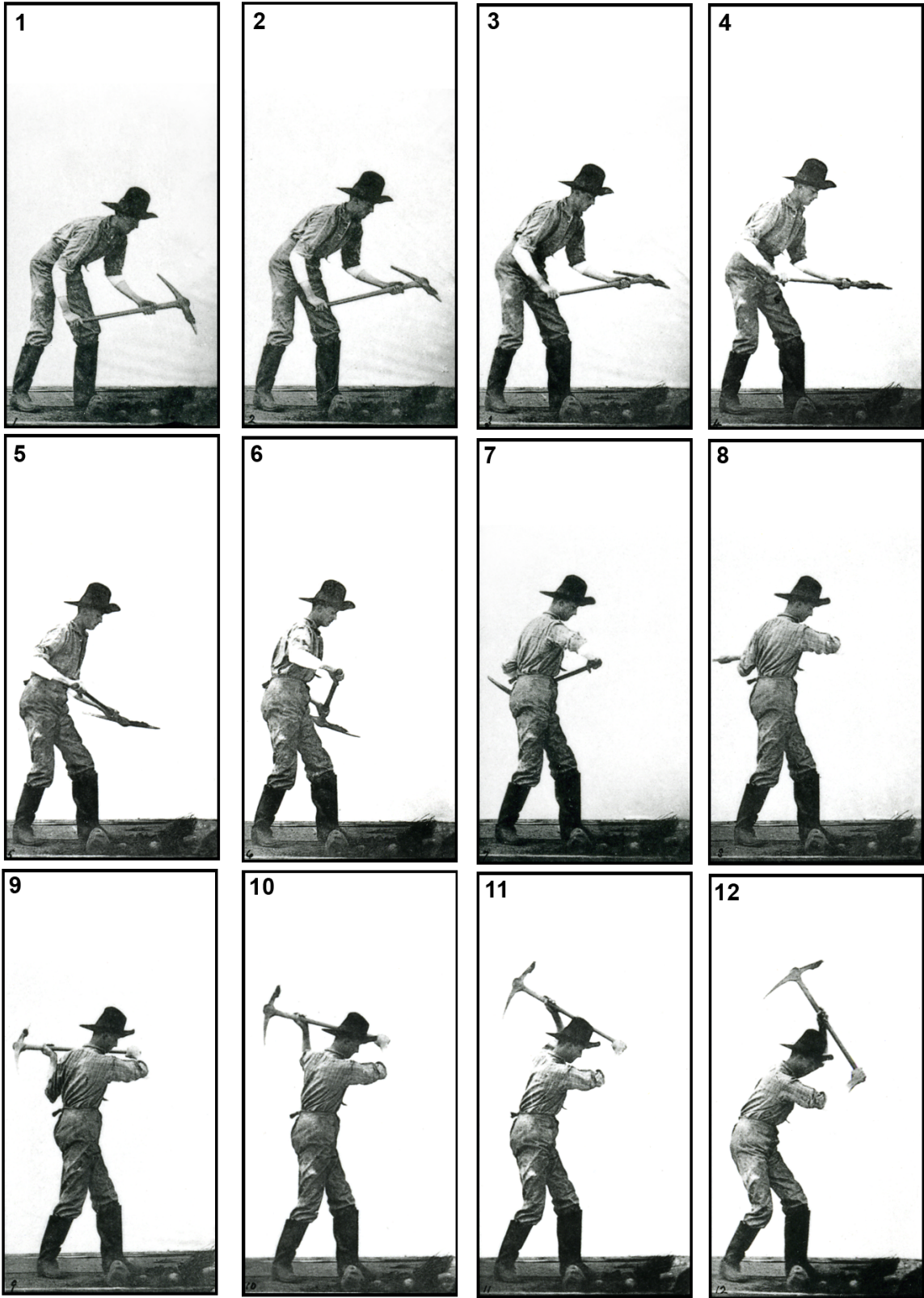
### Steps

1. Sketch out your flipbook movie idea on scrap paper.
2. It takes about 16 cards to make one second of a flipbook movie. Make sure you have enough cards to make your movie last a few seconds. You may want to use between 30 and 50 cards.
3. Draw each stage of the movement/action on a separate index card until your movie is complete. Try to make gradual movement changes from one picture to the next.
4. Put a rubber band around the stack of cards.
5. Flip the stack of cards with your thumb to watch your movie!

### What is a flipbook?

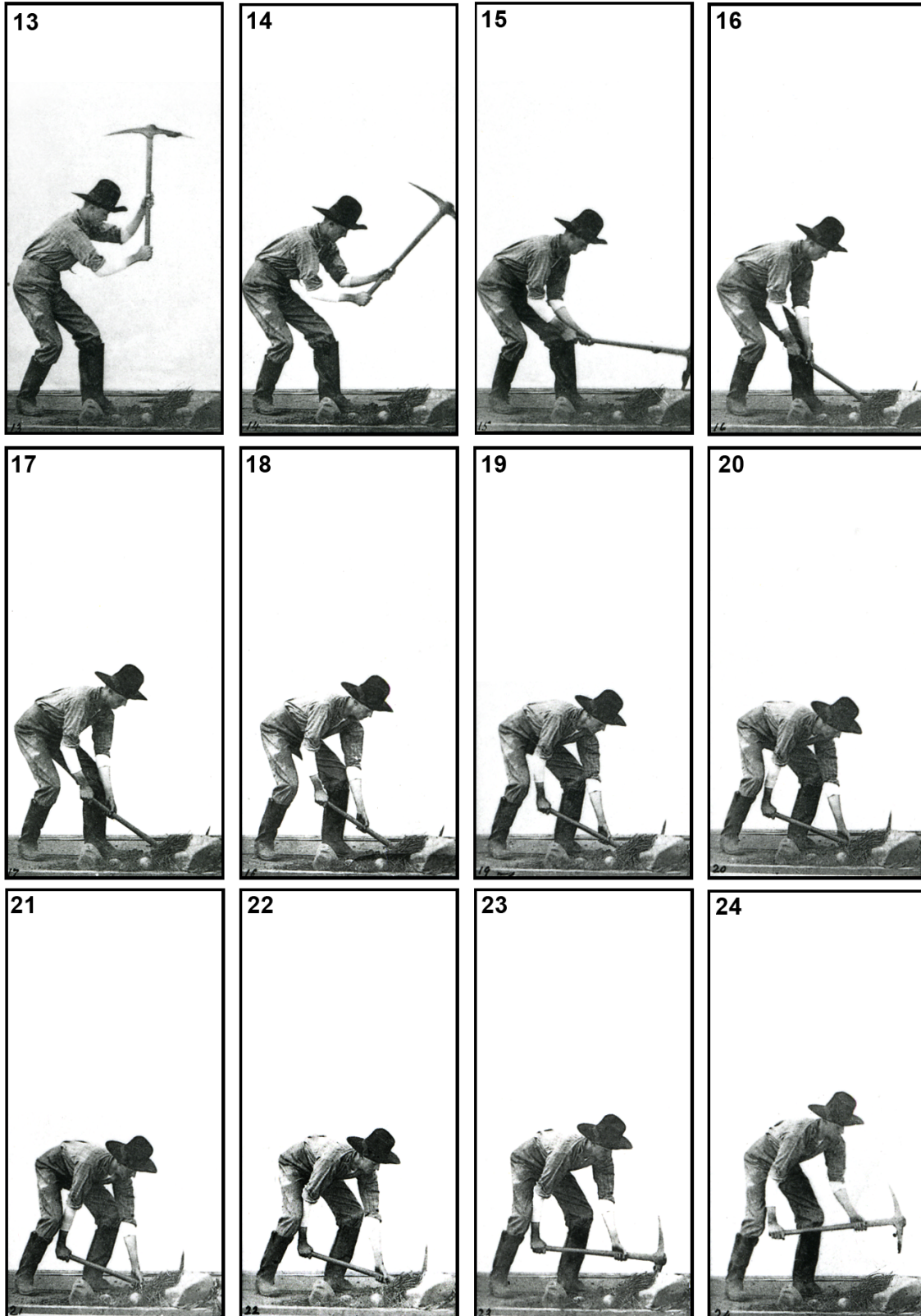
A **flipbook** or “pocket movie” consists of a series of individual pictures on a stack of paper and bound together so that each card is equivalent to one movie frame. (The pictures can be drawings or photographs.) Each picture is one part of an action sequence. When you flip through the cards rapidly with your thumb, your eyes perceive the **illusion of motion**.

Example



MAN WITH PICKAX by Eadweard J. Muybridge

Example



MAN WITH PICK AX by Eadweard J. Muybridge



Draw Your Own Design! Print as many as needed
