

### Overview

Some people believe that the art of hand shadowing has existed since about 850 AD. Hand shadows have provided entertainment and education since there was a controllable light source and blank wall onto which to project the shadow.

The first known book about this topic was published in 1859 by Henry Bursill, *Hand Shadows to be Thrown Upon the Wall*. It is available from Project Gutenberg as a free download ([http://www.gutenberg.org/ebooks/12962?msg=welcome\\_stranger](http://www.gutenberg.org/ebooks/12962?msg=welcome_stranger)). Bursill hand drew all the illustrations in his book. Of course, there are now apps for hand shadows. A great resource for hand shadows *The Classic Art of Hand Shadows* is available from Lee Valley (<https://www.leevalley.com/en-ca/shop/home/books-magazines-and-dvds/58216-classic-art-of-hand-shadows?item=49L8610>).

### Design Rationale

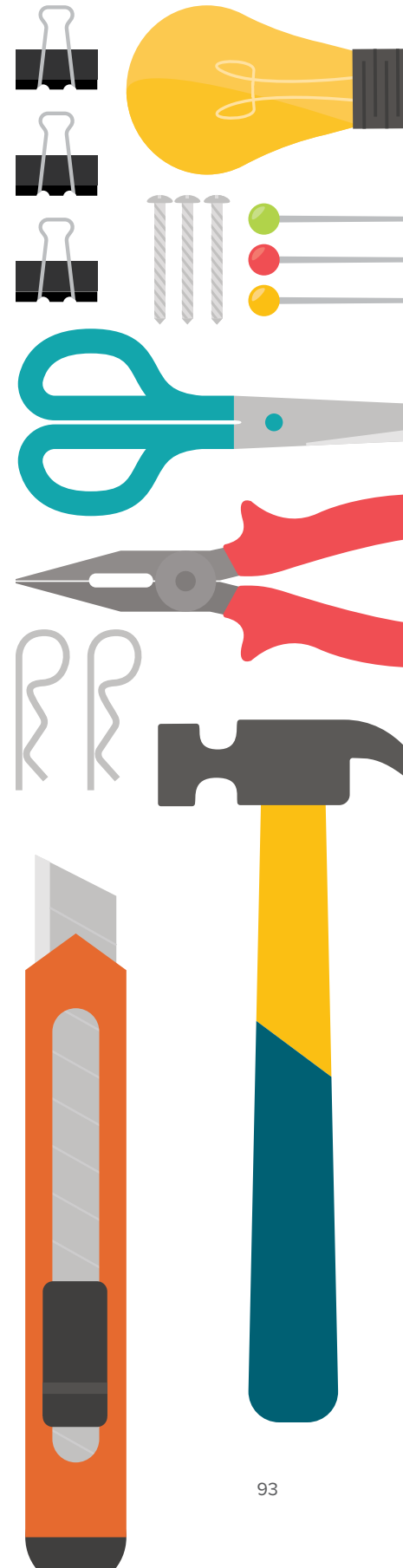
To see what is being depicted in a hand shadow, we have to look beyond the actual hands and see only the shadow image. For the best viewing of a hand shadow, people often create a frame or a stage so only the shadow image can be seen. By figuring out a set of movements, you can animate your hand shadows. It is also possible to add small props (i.e. paper cuts outs, etc.) to make your shadows more realistic.

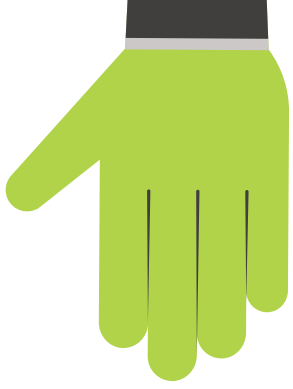
The educational value of hand shadowing is in learning to:

- decode or make sense of shapes and images
- produce a short show using hand shadows as characters
- think in multiple dimensions or formats
- think about light and shadow
- image shapes and movement

### Problem Scenario

Your team has been selected to produce a 1-minute hand shadow production that encourages positive citizenship or general good behavior. Your production should have multiple characters and each member of your group must play a role in the production. We will use a design thinking process to help your group identify an issue related to citizenship or behavior that is of concern in our school.





### Success Determinants

Success will be determined by the degree to which your design solution:

- Addresses the issues suggested in the design challenge
- Aligns with your design sketch
- Meets the production and uses of hand shadows well
- Develops an entire production—shadows, story, props and light source



### Parameters

- Choose consumable items and materials found in the shared pantry to aid in the enhanced development of your group's frame or stage.
- Use the tools that have been provided at the shared tool station.

