

Lesson 3 Worksheet

Activity: How Light Affects your Eye

Step 1: Choose a partner.

Step 2: Partner one covers their right eye with their hand for 30 seconds, then uncovers it.

Step 3: Partner two observes closely as partner one uncovers their eye.

Step 4: Notice what happens to the eye.

Step 5: Partner one and partner two trade roles.

Activity: Make a Flip Book

A flip book is a book with a sequence of images that can move forward or backward from one page to the next. When you turn or "flip" the pages in a direction the images appear to move.

Now think about your favorite cartoon. Did you know that your favorite cartoon is a really big flip book?

Now you will make your own flip book of a simple action.

Practice: Before you make your flip book, make a practice flip book. Drawing only stick figures. Try to make an action scene with pages of your stick figure jumping, or walking. Next, add a simple background like a tree, cloud or birds to your drawing. Then add in another element, like a house or a street. It may take a few tries, so make sure to use a pencil. Test it out, if the images move, you are ready to make a flip book on your topic.

Steps:

1. Starting on the first page draw your main character or topic.
2. Fill in your background.
3. Turn the page and draw your image again keeping in mind if you move it to the right or left it will appear to have moved slightly in that direction.
4. Continue drawing your scene on subsequent pages. Remember, the more drastic the change from the previous page, the faster the action will appear to be.

Compare flip books with your classmates.

