

Laura McShane

## Powers of Observation 40 min

### Objective:

Help students realize their powers of observation

### Big Idea:

Perspective is everything

## 1. Warm Up / Anticipatory 10 min

Discussion of how our perception changes-watch video made in 1977:

Powers of Ten takes us on an adventure in magnitudes. Starting at a picnic by the lakeside in Chicago, this famous film transports us to the outer edges of the universe. Every ten seconds we view the starting point from ten times farther out until our own galaxy is visible only as a speck of light among many others. Returning to Earth with breathtaking speed, we move inward- into the hand of the sleeping picnicker- with ten times more magnification every ten seconds. Our journey ends inside a proton of a carbon atom within a DNA molecule in a white blood cell. POWERS OF TEN © 1977 EAMES OFFICE LLC (Available at [www.eamesoffice.com](http://www.eamesoffice.com))

### Resources

- Powers of Ten <https://www.youtube.com/watch?v=OfKBhvDjuy0>

## 2. Investigation and New Learning 15 min

Read books related to observation and perception:

Brooklyn Branch will use:

[In Plain Sight](#) by Richard Jackson with artwork by Jerry Pinkney

[The Cat at Night](#) by author/illustrator Dahlov Ipcar

[I SEE](#) by [PatrickGeorge](#)

Additional titles: <https://cml.bibliocommons.com/list/share/347546360...>

## Resources

- Ways of Seeing-suggested titles  
[https://cml.bibliocommons.com/list/share/347546360\\_bibliozo/364027277\\_ways\\_of\\_seeing](https://cml.bibliocommons.com/list/share/347546360_bibliozo/364027277_ways_of_seeing)

## 3. Review & Check for Understanding 30 min

Play the memory game