

## Vocabulary: Reverse the Field



### Vocabulary

- Inversion – a reversal of position, location, or relationship.
  - Three inversions are explored in the *Reverse the Field Gizmo*™: up-down, left-right, and up-down-left-right.
- Mean – the sum of a set of numbers divided by the number of items in the set.
  - The mean of a set of numbers is also known as the set's *average*.
  - For example, the mean of 4, 4, 5, 7, and 10 is  $\frac{4+4+5+7+10}{5} = \frac{30}{5} = 6$ .
- Retina – a light-sensitive membrane that covers the back of the eye.
  - Light is focused by the *lens* of the eye to form an image on the retina.
  - The image on the retina is upside-down and reversed.
  - Light is detected by *rod* and *cone* cells in the retina. Nerve impulses are then transmitted to the brain via the *optic nerve*.