Volvox are one-celled algae that live together in a colony. The colony is a hollow ball with 500 to 20,000 individual cells. Look for rolling green balls on the slide. When you see a volvox colony, look for the structures shown in the diagram.

**Movement** Each volvox cell has two flagella. The flagella beat together to roll the ball through the water.

**Feeding** Volvox cells have chlorophyll and make their own food by photosynthesis.

**Reproduction** Daughter colonies are small, dark green balls inside the volvox colony. When the daughter colonies mature, the parent ball bursts open and releases the daughter colonies.

**Size** 350 to 500 µm (Two or three volvox cells would fit in 1 mm.)

**Answer the following question.** Volvox cells have eyespots that sense light. How do the eyespots help volvox survive?