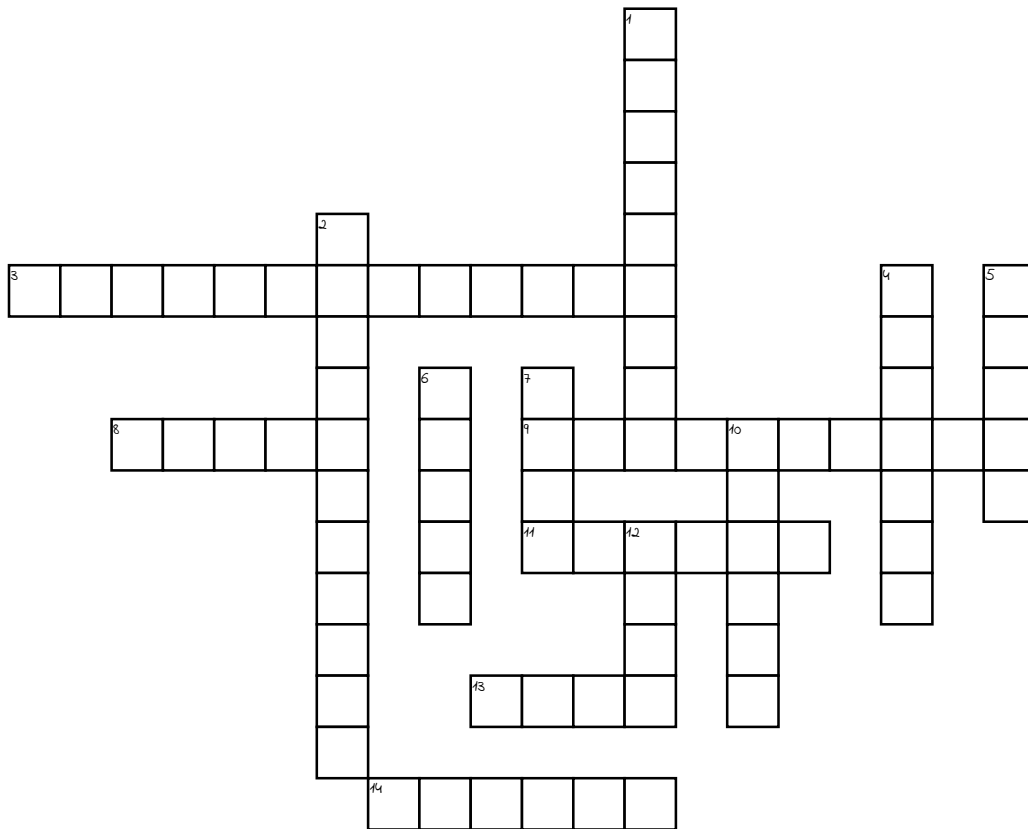


Anatomy of the Eye



Across

3. Both rods and cones contain this chemical.

8. Packed tightly with receptors. (HINT: central portion of retina)

9. Transfers visual information to the vision centers of the brain via electrical impulses. (HINT: second cranial nerve)

11. white outer layer of eye.

13. Answer to #1 is the opening in the center of this. (HINT: your unique feature of your eye)

14. Light-sensing cells here transform light and color into electrical signals and send them to your brain for visual recognition.

Down

1. Area where optic nerve exits. (HINT: no receptors)

2. Connects the iris to the choroid.

4. Lies between the retina and sclera.

5. Essential for colored vision and responsible for vision in bright light.

6. Light enters the eye through here.

7. Responsible for vision in low light (no color).

10. Transparent part covering the front portion of the eye.

12. Answer to #3 works with this to help focus light rays on to the back of the eye.

Word Bank

Fovea

Rods

Retina

Choroid

Iris

Lens

Ciliary body

Pupil

Sclera

Cornea

Photopigments Cones

Blind spot

Optic nerve