



**FIG 4-46** Cranial nerves. (From Patton KT, Thibodeau GA: *Anatomy and physiology*, ed 8, St Louis, 2013, Mosby.)

**TABLE 4-11**  
**Assessment of Cranial Nerves**

Description and Function	Tests
<b>I—Olfactory Nerve</b>	
Olfactory mucosa of nasal cavity Smell	With eyes closed, have child identify odors, such as coffee, alcohol from a swab, or other smells; test each nostril separately.
<b>II—Optic Nerve</b>	
Rods and cones of retina, optic nerve Vision	Check for perception of light, visual acuity, peripheral vision, color vision, and normal optic disc.
<b>III—Oculomotor Nerve</b>	
Extraocular muscles of eye: <ul style="list-style-type: none"> <li>• Superior rectus—moves eyeball up and in</li> <li>• Inferior rectus—moves eyeball down and in</li> <li>• Medial rectus—moves eyeball nasally</li> </ul>	Have child follow an object (toy) or light in six cardinal positions of gaze (see <a href="#">Fig. 4-47</a> ).