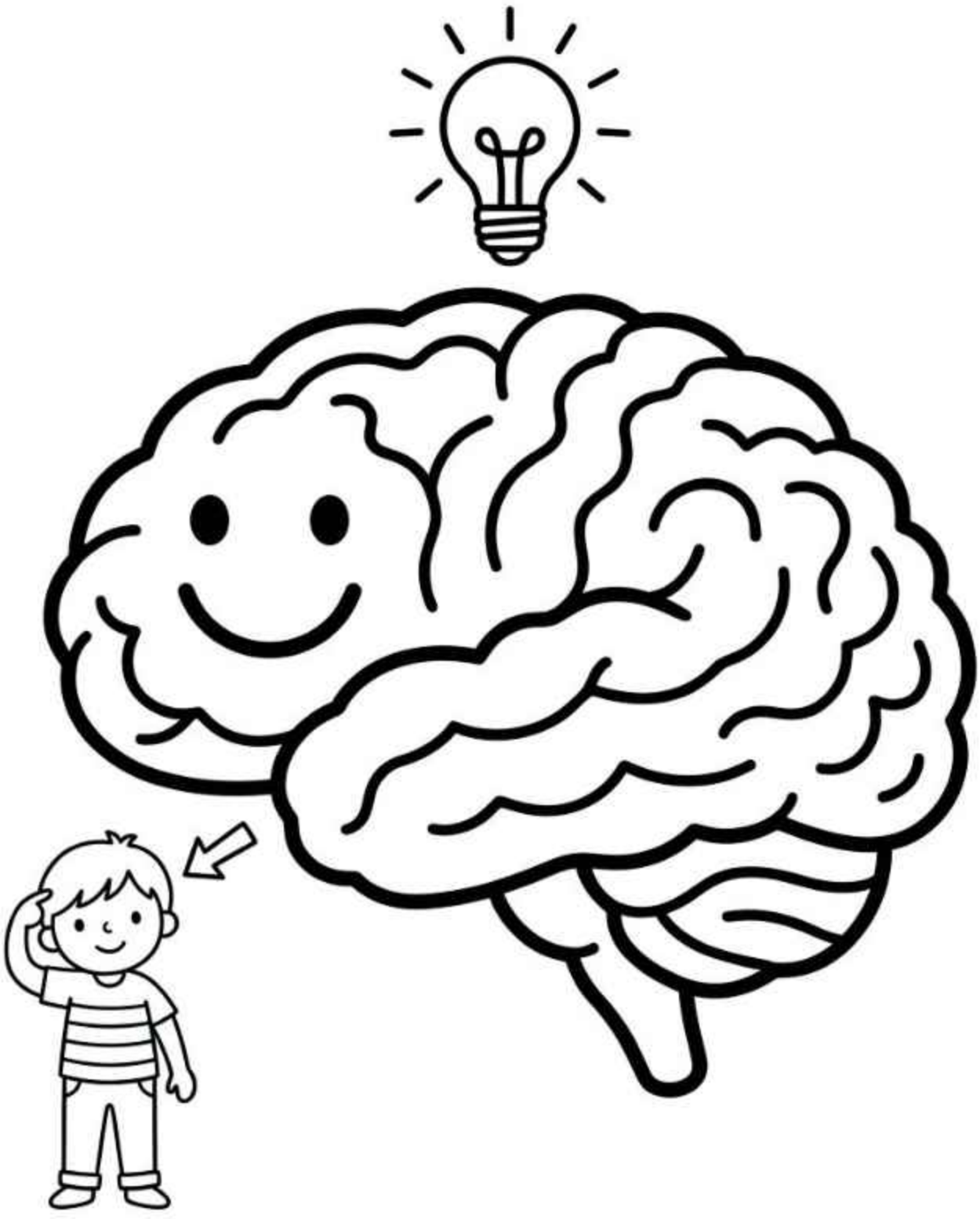BRAIN