VIDEO DISCUSSION QUESTIONS FOR
THE MIND: DEVELOPMENT

As you follow the video, please address the following questions: (Use the back of your paper)

1. Describe several aspects of brain development before birth. How do glial cells and neurons interact to produce a normal brain? In what ways can this process be disrupted? Cite specific scientific studies to support your answers.

2. Explain how radiation can cause mental retardation in unborn children.

3. Describe how a mother’s alcoholism can affect the mental health of her unborn child.

4. Why are premature babies at risk?

5. How do the wishers of a mouse provide clues to how the environment influences brain development?

6. Discuss the concept of commitment as it applies to the developing brain and neurons. Does the environment have greater influence on brain development after commitment? Explain.

7. Explain the concept of habituation.

8. Explain the critical periods in language development and the differences in speech perception.

9. Cite evidence to support the following: a baby of 3 months has no sense of self, but an 18 month old child does.
10. Characterize some typical mental capabilities of children of various ages between infancy and age seven? Are there differences between hearing and deaf children in these abilities? Explain your answer.

11. Explain the rouge test.

12. How are the sense of self and a moral sense which develops in children connected to cognitive development?

13. Describe the terrible 2’s. Is it really a time when children are bad?

14. What special preparations should be taken to support the needs of a special or gifted child?