

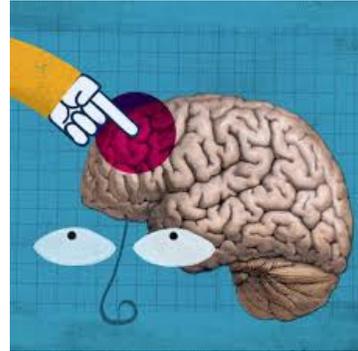
2024

Fort Hayes Arts & Academic High School Summer Assignment for Science

Watch:

 Why the teenage brain has an evolutionary advantage

<https://youtu.be/P629TojpvDU?si=FYDJVaQFnHfhpAAZ>



Then respond in complete sentences to the following writing prompts:
Please use lined paper. Please number your answers and skip a line between each.

1. Hormones - what is their role in the body?
2. Neuroscientists - what do they study?
3. At what age is the brain fully developed?
4. What are the functions of:
 the prefrontal cortex?
 the limbic system?
 the striatum?
5. What effect does dopamine have on the body, and under what circumstances is it released?
6. How are teenage brains better than adult brains?
7. What is the down side to (your answer to the last question)?
8. Describe three positive, healthy, non-dangerous risks you might take this school year.

DUE THE FIRST DAY OF SCHOOL FOR YOUR SCIENCE CLASS