**Learning Activity 1: Chapter 1 and 2 Reflection**

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20F Child development

Learning activies #1: (Bhoomi Panchal)

Part A:

1. Piaget’s Cognitive theory: Piaget has four stages of mental development, which depends on ages for each stage approx. He was more interested in the way fundamental concepts like the idea of number, time, quantity, causality, justice rather than working on how well child could count spell or solve problems regarding their I.Q. According to his theory, children are born with a very basic cognitive structure. And there are all subsequent learning knowledge based. There are four stages of mental development according to Piaget. Which are sensorimotor (Birth -2 years) in this stage child knows that an object still exists, even if it is hidden. Second stage is preoperational (2-7years) during this time child can think about all symbol and operate logically in one direction. They learn languages. In third stage concrete operational (7-11years) they tried to solve hand-on problems. They understand conservation. This means child can work things out internally in their head. In last stage formal operational (11-adult) they develop the ability to think about abstract concepts and become more scientific in thinking. Piaget’s theory has basic components which are Schemas, and Adaptation processes that enable the transition from one stage to another like equilibrium, assimilation and accommodation.
2. In my day to day personal life I can see and feel Piaget’s theory is working. For example babies have a sucking reflex, which is triggered by something touching the baby lips. I am doing babysitting for 2.5 years old kid. I know so how they work, as in toddler age he learn all language and everything what said to him and he understand what is hot and what is cold by symbol. He tried to explain me he understand my words and my body language which totally proves Piaget’s second stage of theory which is preoperational. In cite an example, I teach him you have to cover your nose while sneezing and after I explain 3 to 4 times he always cover his nose infact he shows me when he is doing it.

Part B:

1. There are chromosomal and genetic abnormalities which includes down syndrome and there are some sex-linked syndrome which are klinefelter syndrome, tuner syndrome, triple X syndrome. Down syndrome caused by an extra chromosome in the 21st pair resulting in 47 chromosomes. If I talk about triple X syndrome girls who have x syndrome are born with it. It’s called triple x because they have an extra in most or all of their cells. This is really radom disorder error in cell division. Girls who have triple x syndrome can have some issues like taller than average height, they might have very curved pinky finger, they might have to face with low muscle tone, or muscle weakness and widely spaced eyes. There are some genetic abnormalities which are phenylketonuria, huntington’s disease, sickle-cell anemia, tay-sachs disease, cystic fibrosis, hemophelia, muscular dystrophy. If I talk about sickle-cell anemia they cause by a recessive genes and harmful. They can lead to sp many physical problems like pain in joints and they get swollen. They also can suffer from jaundice and some stroke sometimes it will go to worse like heart and kidney failure.
2. In my case while I am working if I see a child is having issue with his or her joints and couldn’t walk properly or child is having issue with urine or something I will definitely recommend their parents to so some check up they might be face with some serious sickle-cell issue or abnormality.

**REFERENCES**

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