

Sephora, Exana

Student ID: 118169

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Chapter 5

1-There are so many variations in the height of children; according to researchers we have 700 genetic variants .80 percent of the normal variations in children height is the result of inherited genetic differences of their parents for example, a child can be taller than his parent. Socioeconomic factors such as income, education and occupation can also influence height of children. Height is determined by many genes variant (an inheritance gene pattern called polygenic inheritance). It is difficult to predict how tall a child will be. The inheritance of these variants from one's parents helps explain why children usually grow to approximately as tall as their parents, but different combinations of variants can cause siblings to be of different heights.

4- There are so many factors that contribute to toddlers risk of illness and death such as these infection disease like pneumonia , diarrhea and malaria also birth asphyxia/trauma, birth complications. The most dangerous things for a children is a parental smoking , when a member of the parent always smoke in the front of his child that can cause a health problems and start to develop wheezing and asthma. Cancer and accidents also contribute of death among children.

2- Myelination is the process by which axons (nerves fibers that carry signals away from the cell body) are covered with a layer of cells (p136). The role of Myelination is to conduct signal. Myelination has been considered one of the most significant indexes of brain maturation it allows more rapid transmission of neural information, along neural fibers. Myelination is important also to develop language because lack of myelin is considered as a cause for developmental delays language.

9- Piaget and Vygotsky's theory are similar because they both used the cognitive approach of psychology to form their theories. Piaget believed that children constructed knowledge as individuals conversely; Vygotsky's believed that children developed knowledge through respective social and cultural circumstances. Piaget believed that children who speak aloud in the presence of others will sometimes adapt their speech to take into consideration the hearer (s) but at other times would direct their remarks to no-one in particular and there would be no evidence that the child was attempting to take into account the knowledge or interests of a specific listener. Piaget called these utterances egocentric speech. Vygotsky's believed that a child's use of private speech talking to himself/herself .Vygotsky focus on private speech not only practice talking but also to plan activities. It is important developmental phenomenon which helps children to organize and regulate thinking.

Chapter 6

16- Erickson mean in this stage the children begin asserting over their environment by taking initiative, by planning activities ,by taking initiative, by accomplishing tasks, and facing challenges. At this stage the parents should encourage the children and also help them to make appropriate choices, because when a person discourages the children it may cause to feel ashamed of them and become overly dependent upon the help of others. When the children feel ashamed they also feel guilt. Children that experience guilt will instead interpret mistakes as a sign of a personal failure and they ill think they are a bad person.

26- Play have a huge role to help children develop cognitive skill, thought, process of learning .Include problem solving, remembering. Processing information making decision and learning language .When the children play that can help them to develop foundational understanding in math, science and social studies. During play children learn to interact with others. They talk, collaborate and pretend together by playing a role such as doctor, shoppers at a farmer's market and so on.

22- Researchers have suggested that authoritarian parenting may have positive effects on ethnic minority children psychosocial adjustment and in particular, academic achievement. African American and Asian American children parenting as are not as negatively affected by authoritarian parenting as are children from other ethnic groups, however authoritarian parenting is not associated overall with positive adjustment. Some researchers suggest that the parenting styles of European Americans are different from those of African Americans and Asian Americans. However, more research is needed to understand how culture and ethnicity interact with situational demands and the characteristics of individual children.

Required question answer

During the period between 0and 8 years age, children pass through many phases that build upon each other as children refine and develop physical skills ,throughout the stages , children will experience increased balance , gross motor coordination and fine motor coordination that allowing them to complete tasks in successive physical limits and advances as they age and gain more skills .This is the time when children acquire the basic skills of locomotion ,such as running ,jumping, holding things, catching and kicking etc.