

SUBJECT AREAS:

Natural sciences

ACTIVITY DESCRIPTION:

Life cycles and relationships between living things in the living world"

OBJECTIVES:

- To identify the stages of growth and development in humans;
- Enumerate the activities that man carries out in each stage of life, supported by images;
- To understand the stages of human development, logically, based on the images;
- To write down in a graphic organizer characteristics specific to each stage of a person's life;

MATERIALS:

Box, toy baby, old lady textbook, student notebooks, writing instruments, laptop, video projector, interactive educational resources (ppt), worksheets, markers

GRADE/LEVEL:

Upper Elementary School (12-14);

DURATION:

Preparation time: 30 min.

Activity time: 50 min.

PLACE:

Classroom

AUTOR:

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The human life cycle

INTRODUCTION:

Organizational moment. The necessary conditions are created for a good performance of the activity. The necessary materials for the lesson are being prepared.

Theme check – the homework is checked quantitatively and qualitatively. The students open their books and call themselves two-three students who want to read the topic.

Get their attention and directing attention. It will be achieved with the help of the "Box of surprises" in which they will find a toy baby and two old lady (toys). A short discussion about the life of a man from birth to death will be initiated.

BACKGROUND:

Announcing the theme and objectives. The theme and the objectives to be achieved during the activity are communicated in an accessible form, which arouses children's interest in the activity. The title of the lesson is written on the board and in the notebooks.

Procedure:

Students are asked to open their science textbook to page 34, look at the picture, then answer some questions orally about the picture. Following the observations and answers received, it is concluded that the periods of physical and mental growth and development from birth to death make up the development cycle of a human being. The definition is written on the board and in notebooks. The students are presented with a PowerPoint material with the stages that man goes through during his life. During the presentation, the stages of human life will be noted on the board and in notebooks.

- Childhood - from birth to 14 years
- Adolescence - from 14 years - to 18 years • Youth - from 18 years - up to 35 years
- Maturity - from 35 years - to 65
- Old age – after 65 years While scrolling the images on the video projector, the students are asked to find other characteristics specific to each stage, but especially from the childhood period. At the end of the presentation, students are challenged to complete the following blank statements, then list and order the human life stages and paste the corresponding pictures in their notebooks, logically.

"If I were a young man, I would have"

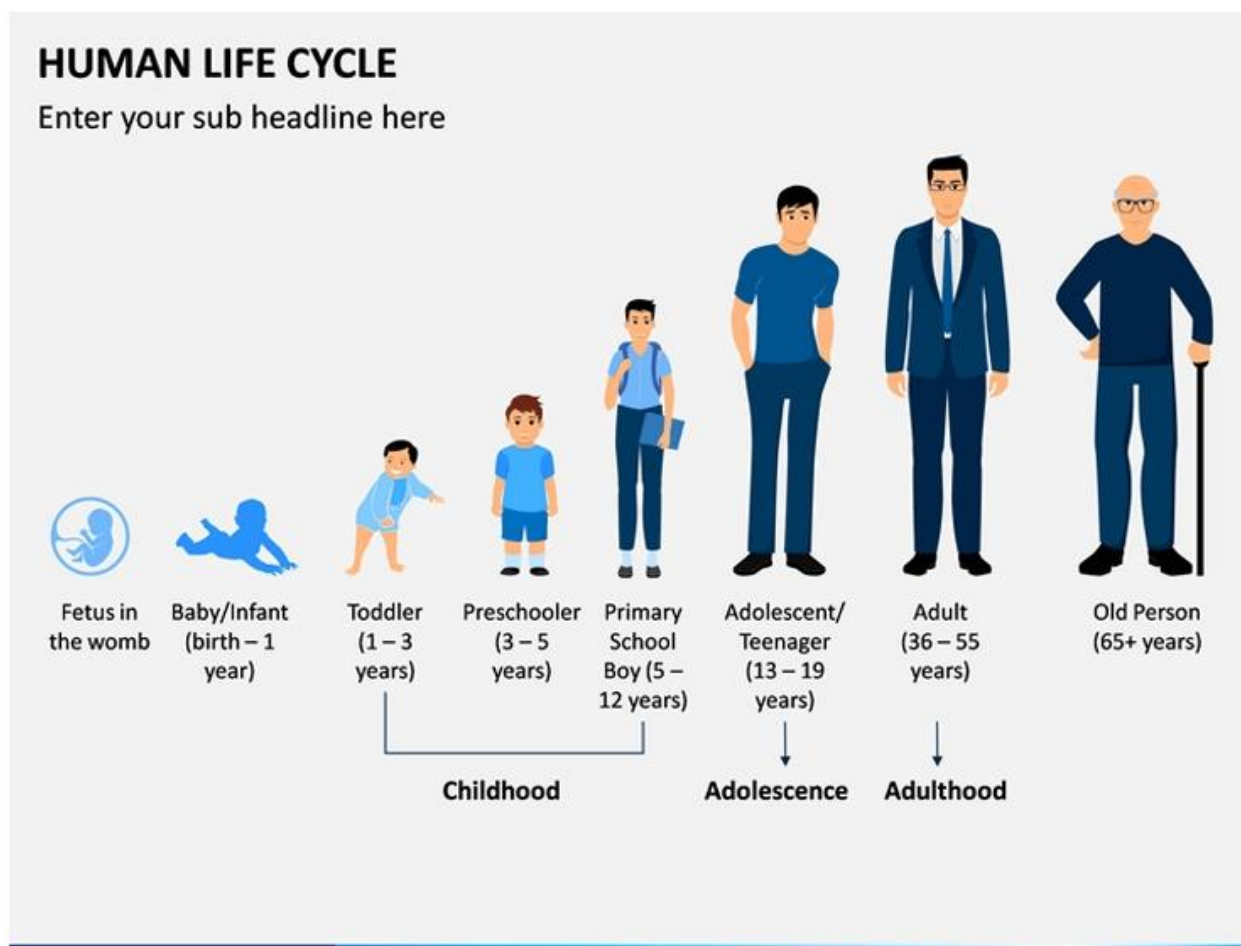
"If I were old, I would go for a walk with..."

"If I were a teenager, I would go to....."

Formative Assessment: At the end of the activity, individual and collective assessments will be made, students who have encountered difficulties in oral expression being encouraged in particular.

Collaborative Process: They will receive the task to represent the family tree up to those they know, grandparents or great-grandparents. to sketch the family tree up to those they know, grandparents or great-grandparents. In teams of two, they will discuss what they have sketched.

Independent Practice: Students are given homework: To continue what they started - the "family tree", by asking the family questions about their ancestors and living relatives (from newborns to the elderly).



FUN FACTS:

There are six stages in the human life cycle:

- *Fetus. At this time, a baby is growing inside its mum's womb;*
- *Baby. A baby is born after spending nine months inside the womb;*
- *Childhood. At this stage, you learn to walk and talk;*
- *Adolescence. Children become teenagers;*
- *Adulthood. Your body is fully developed;*
- *Old age.*

Interesting facts about the human organs and their functions.

- *Your brain doesn't feel pain!*
- *Your heart beats around 115,000 times a day.*
- *The lungs take the oxygen and put it into your bloodstream!*
- *The stomach breaks down food using chemicals.*

ASSESSMENT:

The way that will be check the understanding will be done through verbal assessments and direct observation.

EVALUATION:

It will be evaluated the ability to receive the transmitted message, the ability to respond correctly, based on the image, to the questions asked, the ability of students to carefully follow what is presented, the ability to write down in notebooks the elements specified on the blackboard, the ability to list the stages of development of man, the ability to order the stages of a man's life, the ability to find characteristics specific to each stage