

## Growth and Development: Grade 2: Lesson 2

### The Human Body

Hey Students! Today we will be learning something really fun: Growth and Change! The Human Body is constantly changing, due to various circumstances and reasons. In today's lesson, we will explore why these changes happen, and how we can recognize these said changes.

#### 1) Story:

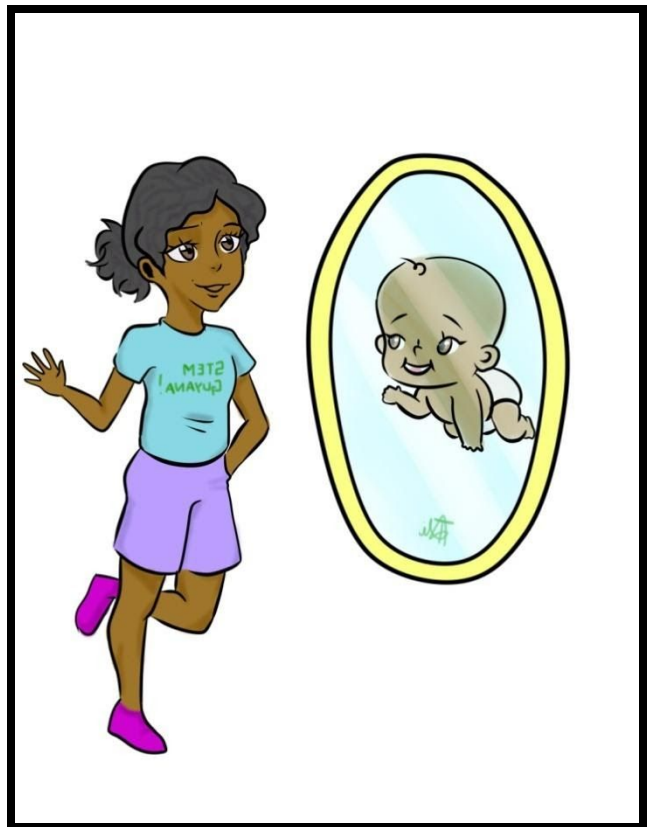
We will start off with a simple reading.

#### “All Grown Up!”

One sunny morning, whilst Sara was cleaning her room, she stumbled upon a worn, pink-coloured photo album. It was cutely labeled, “Sara: 2005-2015”. Curious, she opened the album, and smiled at what she found. The first few pictures were of her as a bubbly, bouncing baby. She was a chubby baby, with a small amount of hair on her head and had no teeth. She looked on, and was surprised to see the amount of changes that she had been through, from 2005 to 2015.

She had grown from a small, chubby baby, to a crawling, babbling toddler, to a tall, skinny child, with curly hair. Sara put down the album, and looked at herself in the mirror. In front of her stood a tall teenager, with curly black hair and pearly white teeth. She smiled at herself, and did a pose in the mirror. “I sure have grown a lot!”, she giggled.

After admiring herself a bit more, she went back to cleaning her room.





### 2) Listening Exercise:

Objective of Listening Exercise: You will listen to a short reading about Human Development, afterwards, you will be given an exercise.

#### **Listening Exercise, Read by the Teacher.**




Have you ever looked at photographs of yourself as a baby, and wondered, “Why do I look different?” or, “I think I’m much smarter than when I was younger.” This is due to something called, Human Growth.

Human Growth is the development of Humans from babies, to children, to adults. When we grow, our bodies undergo many changes. Our hair begins to grow, our teeth begin to form, we begin to learn to walk and talk. Our bodies develop, and so do our behaviours. You will find that, you do not eat the same things that you ate, when you were a growing baby. You do not behave the same way you did, when you were a baby. Instead of crying when you want something- you ask for it, and so on.

When you grow older, your bodies and behaviours will go through numerous changes. If we could look into the future, we would all look quite different than we do now!

- **2.1 Exercise.**

You will have three categories, in which you will list certain things: Baby, Child and Adult. You will have to list certain behaviours and physical appearances that you observe from each stage. When you have finished, you should be able to identify a change in Human Appearance and Behaviours as Humans Grow.

BABY	CHILD	ADULT
		

EXERCISE: List Behaviours and Appearances that you think each category would have.

For Example:

Baby: Small, Cannot Talk, Has No Teeth, Cries when he/she wants something.

Child: Has teeth, Has grown in size, Playful.

Adult: Serious, Has grown taller, has a fully developed body.

- 3) Looking at A Video. Objectives: We will look at a Brain Pop Video together and afterwards, there will be a True or False Exercise.

Video: <https://www.brainpop.com/health/geneticsgrowthanddevelopment/aging/>

True or False Exercise:

- 1) Even when we age, we will still be able to do things as we did as a child. True/False.
- 2) How you age depends on things like Genetics, Diet, Regular Medical Check-Ups and Exercise. True/False
- 3) Babies are born with heads that are proportionally small for their bodies. True/False.
- 4) Most Humans finish growing, by the age of 18. True/ False
- 5) As you grow older, your vision, hearing and taste change. True/False

Answers: 1F, 2T, 3F, 4T, 5T

4) Ending of Class.

SCRATCH CHALLENGE:

Create an animation that explains Growth and Development Briefly. You have freedom in what sprites to use, and how creatively you convey your animation. E.G: Two characters having a conversation, about the topic. Remember to have fun!

Here are some useful resource links:

<https://www.dummies.com/programming/how-to-add-sound-for-a-scratch-character/>

<https://youtu.be/BdBV-Cy9fNg>