

# GRADE 6 - SCIENCE

## SINE'SKWELA 6

In this series, Grade 6 pupils are expected to gain functional understanding of human body systems, focusing on the circulatory and nervous systems, growth, and the different ecosystems.

**Medium: Filipino**

### Learning Competency: People – Circulatory System

#### CIRCULATORY SYSTEM

This episode explains how the circulatory system delivers blood to the different parts of the body.

Jun 9 (Fri)	8:20am - 8:40am
	1:00pm - 1:20pm
Jun 16 (Fri)	8:20am - 8:40am
	1:00pm - 1:20pm

### Learning Competency: People – Circulatory System

#### HEART

This episode discusses the location of the heart, and its constituent parts. It illustrates how oxygen and red blood cells flow into the entire body. It also defines the pulse and its relationship with the heart.

Jun 23 (Fri)	8:20am - 8:40am
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1:00pm - 1:20pm

**Learning Competency: People – Circulatory System**

**CIRCULATORY SYSTEM: BLOOD**

This episode looks at blood and its circulation through the human body. It also explains the morphology and physiology of blood.

Jun 30 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: People – Nervous System**

**BRAIN**

This episode describes the parts of the brain and their functions in relation to the different needs of the body. It discusses which part of the brain controls balance, memory, coordination, and emotions, among others.

Jul 7 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: People – Nervous System**

**NERVOUS SYSTEM**

This episode talks about the processes of the central and the peripheral nervous system. It illustrates how the brain stores and processes information and how it sends and receives messages to and from the different body organs.

Jul 14 (Fri)                8:20am - 8:40am  
                                     1:00pm - 1:20pm

**Learning Competency: People – A Healthy Person**

### **PHYSIOLOGY OF EMOTIONS**

This episode explains how our body reacts to the different emotions that we feel.

Jul 21 (Fri)                8:20am - 8:40am  
                                     1:00pm - 1:20pm

**Learning Competency: People – A Healthy Person**

### **IMMUNE SYSTEM: LYMPHATIC SYSTEM**

This episode shows how the lymphatic system combats germs that cause sickness and infection. It also illustrates the different microscopic organisms and describes ways of contracting diseases through them.

Jul 28 (Fri)                8:20am - 8:40am  
                                     1:00pm - 1:20pm

**Learning Competency: People – A Healthy Person**

## **NICOTINE**

This episode presents the harmful effects of cigarette smoking. Through an experiment using common household materials, the students will learn how nicotine affects our different body systems and organs.

Aug 4 (Fri)                8:20am - 8:40am  
                                     1:00pm - 1:20pm

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## **Learning Competency: Animals, Plants, and Environment – Feeding Interrelationships**

### **AVIAN FLU**

This episode investigates the bird flu virus and how it spreads. It discusses precautions that could be observed to prevent the further spreading of a virus.

Sep 8 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: Animals, Plants, and Environment – Oxygen- Carbon Dioxide Cycle**

**CYCLES IN NATURE: “PAIKOT-IKOT”**

This episode stresses the importance of carbon and nitrogen gases in nature and how plants, animals and humans produce and utilize them in a cyclic way.

Sep 15 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: Animals, Plants, and Environment – Ecosystem, Conserving Balance of Life**

**MANGROVE**

This episode enumerates the features and significance of mangroves to the ecosystem—as sanctuaries for small water creatures—and how it helps clean the water that flows from the lake to the sea.

Sep 22 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: Animals, Plants, and Environment – Ecosystem,**

## **Conserving Balance of Life**

### **MARINE ORGANISM**

This episode showcases the underwater community, emphasizing the continuous food chain cycle at work among its living organisms. It also features the beauty and richness of Philippine marine life.

Sep 29 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: Animals, Plants, and Environment – Activities that Disrupt the Cycles of an Ecosystem**

### **DON'T TEACH YOUR TRASH TO SWIM**

This episode teaches pupils how to properly dispose garbage.

Oct 6 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

**Learning Competency: Animals, Plants, and Environment – Activities that Disrupt the Cycles of an Ecosystem**

### **WATERSHED**

This episode investigates the diminishing water resources as the result of the diminishing watershed caused by illegal logging activities. It emphasizes that such is a cause of concern since it affects everyone in the community.

Oct 13 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

### **RECAP 3**

#### **Review of Second Grading Period**

Oct 20 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

### **RECAP 4**

#### **Review of Second Grading Period**

Oct 27 (Fri)            8:20am - 8:40am  
                                 1:00pm - 1:20pm

Nov 3 (Fri)             8:20am - 8:40am  
                                 1:00pm - 1:20pm