

GRADE 4 – SCIENCE

The assortment of educational video resources for this series brings together episodes of Sine’skwela 4, Constel’s Science Made Easy and K High Science. Science Grade 4 takes a deeper look into matter, human body systems, animal life, and plants. Computer graphics, animations, music and sound effects are used in the episodes to better illustrate the topics discussed.

Medium: Filipino

Constel (Science Made Easy)
Learning Competency: Matter

MATERIALS AT HOME

This episode talks about the different things found at home. It features the different phases of matter and their distinct properties.

Jun 7 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Jun 14 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

KHIGH Samalamig
Learning Competency: Matter

SAMALAMIG

This episode features the different phases of matter and their distinct properties. Things we usually use and see around us were used to illustrate these properties. Also discussed in this episode are some tips on how one can use resources wisely.

Jun 21 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Skeletal System

SKELETAL SYSTEM: PARTS & FUNCTIONS

This episode shows how the skeletal system protects the organs of the body and its role in the body's movement. It explains bone composition, regeneration and development.

Jun 28 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Skeletal System

BONES

This episode introduces the different parts of the skeletal system and how they work. It gives tips on how to take care of the bones and how exercise helps in keeping them healthy.

Jul 5 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Skeletal System

SKELETAL SYSTEM: SKELETAL DISEASES

This episode tackles the symptoms of the different skeletal diseases. It provides information on how to prevent these diseases.

Jul 12 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Muscular System

MUSCULAR SYSTEM: PARTS AND FUNCTIONS

This episode shows how exercise builds strong muscles. It defines, differentiates, and gives examples of voluntary and involuntary muscles, skeletal, smooth and cardiac muscles, and isotonic and isometric contraction.

Jul19 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Muscular System

MUSCULAR SYSTEM: DISEASES AND PROPER CARE

This episode tackles the importance of muscles. It also discusses ways to take care of one's body.

Jul 26 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Digestive System

DIGESTIVE SYSTEM: MOUTH

This episode explains the parts of the mouth and its function in digestion. It also stresses the importance of dental care and illustrates how to brush the teeth properly.

Aug 2 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Digestive System

DIGESTIVE SYSTEM: TEETH

This episode highlights the importance and function of the different kinds of teeth. It also explains the parts of a tooth. It illustrates how and why tooth decay is formed and how to prevent plaque and tartar from forming.

Aug 9 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: People – Digestive System

DIGESTIVE SYSTEM: DIGESTIVE DISORDERS

This episode talks about common digestive disorders. It relates the origin of each disease to its symptoms to help the children prevent and treat them.

Aug 16 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

RECAP 1

Review of First Grading Period

Aug 23 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

RECAP 2

Review of First Grading Period

Aug 30 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: Animals – Body Parts of Animals

FISH

This episode explains how the body parts and structure of fish aid in their movement, habitat, and feeding. Through experiments in a swimming pool, the students will learn how the fish's appearance and body parts help them live underwater.

Sep 6 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: Animals – Animal Reproduction

ANIMAL REPRODUCTION

This episode explores the reproductive processes of animals. By researching on the reproduction of cats and fish, the students will learn that different kinds of animals reproduce in different ways.

Sep 13 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: Animals – Stages in the Life Cycle of Animals

INSECT METAMORPHOSIS

This episode illustrates the life cycle of a butterfly. It also discusses the two types of insect metamorphosis: the incomplete and the direct metamorphosis

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

Sine'skwela 4

Learning Competency: Animals – Effects of Some Animals to People

LIFE CYCLE OF SOME ANIMALS: “ANG LAMOK AT LANGAW”

This episode discusses the top two disease-carrying insects—flies and mosquitoes. It enumerates the diseases they carry and explains their life cycle

Sep 27 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: Plants – Sexual Reproduction

SEXUAL REPRODUCTION: “MAG-POLLINATE TAYO”

This episode explains the process of plant reproduction, self-pollination and cross pollination.

Oct 4 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine'skwela 4

Learning Competency: Plants – Germination and Seed Dispersal

SEED

This episode describes the parts of a seed and their functions in the process of germination. It also discusses the different means of seed dispersal by investigating some of the more common plants such as the “Amorseko.”

Oct 11 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine’skwela 4

Learning Competency: Plants – Asexual Reproduction

NATURAL ASEXUAL REPRODUCTION “KATAKA-TAKA”

This episode discusses asexual reproduction in plants. It cites spores, budding, nodes, pollen and underground stems as examples of asexual reproduction.

Oct 18 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

Sine’skwela 4

Learning Competency: Plants – Asexual Reproduction

ASEXUAL REPRODUCTION: ARTIFICIAL PROPAGATION

This episode illustrates how plants can be reproduced through artificial means. Through the help of resource persons in the community, it cites the different methods of artificial propagation like grafting, marcoting, and layering.

Oct 25 (Wed) 8:20am - 8:40am
 1:00pm- 1:20pm

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