

GRADE 8 - SCIENCE

The HS Science for Grade 8 block is a compilation of different shows that should make the learning of basic science concepts easier and engaging.

Medium: Filipino

K High

Learning Competencies: Laws of Motion

Sports Fest

This episode focuses on how the Laws of Motion are reflected in our day-to-day activities. Given as examples are explanations on how the movements of particular objects are governed by these laws. This episode also features how the Laws of Motion can be related to the implementation of laws in our society.

Jun 6 (Tue) 10:40am - 11:00am

3:20pm - 3:40pm

Jun 13 (Tue) 10:40am - 11:00am

3:20pm - 3:40pm

K High

Learning Competencies: Speed, Velocity and Acceleration

Bisikleta

This episode discusses the relationship of speed, velocity, and acceleration. How these concepts are seen in everyday activities is explained. This episode also features how the said concepts can be used to explain the problem of drop-out rates in our schools.

Jun 20 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

K High

Learning Competency: Energy Sources

Superheroes

This episode focuses on the sources of energy nature provides us. It explains the flow of energy from sources down to the different equipment and devices. It further explains how these energy sources affect the growth of population and urbanization of a particular community.

Jun 27 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

K High

Learning Competency: Conservation of Energy

Parola

This episode features the conservation and transformation of energy into different forms such as heat, sound, and electricity. Given as examples are the

flow of energy in the equipment or appliances we use at home. It also discusses the issue of unemployment and how the unemployed can be part of the efforts to save and use energy wisely.

Jul 4 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Sine'skwela

Learning Competency: Sound

ECHO

This episode discusses what an echo is, how it happens and its importance.

Jul 11(Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Sine'skwela

Learning Competency: Light

What is Light?

This episode describes the characteristics of light and how it travels. The students shall remember that light is a form of energy that can be reflected and refracted.

Jul 18 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Jul 25 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Sine'skwela

Learning Competency: Light

Light and Shadow

This episode explains the different materials that make dark, light, and colored shadows. It teaches how light travels in a straight line and how shadows are produced when light is blocked. It also explains how different kinds of materials like tracing paper and glass allow light to pass through.

Aug 1 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Aug 8 (Tue) 10:40am - 11:00am
 3:20pm - 3:40pm

Sine'skwela

Learning Competency: Electricity

Magnet and Electricity

This episode features the composition and importance of magnets, and the relationship between magnetism and electricity. It discusses magnetism as a force that cannot be seen, touched, smelled or felt.

Aug 15 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Aug 22 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sine'skwela

Learning Competency: Electricity

“Si Elektra at Kalye Kuryente”

This episode shows how electrical energy can be changed into other forms such as mechanical, elastic and kinetic energies. It shows their usefulness in daily life through the windmill, water wheel and solar heater.

Aug 29 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sep 5 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sine'skwela

Learning Competency: Earthquakes

Earthquakes

This episode describes the two types of earthquakes, tectonic and volcanic, what happens during an earthquake, and the instruments used in measuring its intensities.

Sep 12 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sep 19 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sine'skwela

Learning Competencies: Tropical Cyclone, Precautionary Measures

Tropical Cyclone

This episode discusses the nature of storms and typhoons in the Philippine context. It provides a discussion on the formation of winds and how this affects the severity of the tropical cyclone. It also emphasizes certain precautionary measures to be made before and during the event of the typhoon.

Sep 26 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Oct 3 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Agham Aralin

Learning Competency: Sun-Moon- Earth (Day and Night Cycle)

Organization of Celestial Bodies

The episode shows the orbit of the Moon and Earth around the Sun, and the phases of the Moon and eclipses due to the positions of Earth, Moon and Sun.

Oct 10 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Oct 17 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Sine'skwela

Learning Competency: Other members of the Solar System

Comets and Asteroids

This episode features comets, meteors, meteorites and other celestial bodies. To make the episode interesting, characters are introduced such as a mystery man who prophesizes the end of the world because of an appearance of a comet.

Oct 24 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm

Oct 31 (Tue) 10:40am - 11:00am
3:20pm - 3:40pm