 **New Life Christian Academy**

**SCIENCE - Grade 3rd - Teacher Capellán**

**Weekly Lesson Plan (*Plan de Lección- Semana 16-18 - Marzo 2020*)**

**Contents (Contenidos) - Earth Science**

**\* Rocks and Soil:** (How are Rocks formed? / Minerals and Rocks / Kinds of Rocks / Igneous Rocks / Sedimentary Rocks / Metamorphic Rocks).

**\* Rocks and Soil:** (What is Soil made of? / How Soil is formed? / Kinds of Soil).

**\* Rocks and Soil:** (How do People use Rocks and Soil? / How Rocks and Soil are Important? / Using Natural Resources Wisely).

**Main Ideas:**

* Rocks are made of one or more minerals.
* Igneous rocks, sedimentary rocks, and metamorphic rocks are three kinds of rocks that formed in different ways.
* Rock can be break apart into small pieces and form parts of the soil. Soil also has air, water, and decayed matter.
* Three kinds of soil are clay soil, sandy soil, and loam.
* Many objects people use come from rocks and soil.
* People should use natural resources wisely.

**YouTube Suggested Videos:**

* <https://www.youtube.com/watch?v=bgqea0E2eAY> / Layers of Soil - The Dr. Binocs Show / Best Learning Videos for Kids / Peekaboo Kids.
* <https://www.youtube.com/watch?v=CeuYx-AbZdo> / Types of Rocks / The Dr. Binocs Show / Learn Videos for Kids.
* <https://www.youtube.com/watch?v=tVy3dzLSMLg> / Types of Rocks / Science Videos for Kids.
* <https://www.youtube.com/watch?v=b9c7tlLrOf8> / Rocks and Soil –Class 3- Science.
* <https://www.youtube.com/watch?v=7h6psLfYA7w> / Soil (Part 2) / Types and Characteristics / Science / Crade 3,4 / TutWay.
* <https://www.youtube.com/watch?v=tNs1gqkYerg> / Be a Rock Detective!
* <https://www.youtube.com/watch?v=071lUxclTBw> / Childrens: Earths´s resources - Air, Water, Land. How to Save the Earth´s Resources.

**SCIENCE - Grade 3rd - Teacher Capellán**

**Weekly Lesson Plan (*Plan de Lección- Semana 23-27 - Marzo 2020*)**

**Contents (Contenidos) - Earth Science**

**\* Changes in the Earth:** (What is the Inside of the Earth Like? / Layers of the Earth / How Scientists Study the Inside of the Earth?).

**\* Changes in the Earth:** (How do Water and Wind Change the Earth´s Crust? / Weathering / Erosion).

**\* Changes in the Earth:** (How do Earthquakes and Volcanoes Change the Earth´s Crust? / Earthquakes / Volcanoes).

**Main Ideas:**

* The earth has three layers - the crust, the mantle, and the core.
* Scientists learn about the inside of the earth by studying movements of the earth´s crust and by using instruments.
* Water, plants, and air help weather rocks.
* Water and wind help cause erosion of the soil.
* Earthquakes cause fast changes in the earth´s crust.
* Volcanoes cause the earth´s crust to change very quickly.
* Plants change the earth´s crust by breaking rocks apart; animals change the earth´s crust by digging in the soil.
* People change the earth´s crust by building roads and buildings, cutting down trees, and mining.

**YouTube Suggested Videos:**

* <https://www.youtube.com/watch?v=eXiVGEEPQ6c> / Structure of the Earth / The Dr. Binocs Show / Educational Videos For Kids.
* <https://www.youtube.com/watch?v=oEW_Qwj6ZCE> / Could I dig a hole through the Earth?
* <https://www.youtube.com/watch?v=R-Iak3Wvh9c> / Weathering and Erosion: Crash course kids.
* <https://www.youtube.com/watch?v=exS9gFXgib0> / Erosion and Weathering for Kids - Causes and Differences.
* <https://www.youtube.com/watch?v=9Z6XZidcQIQ> / Earth science for kids - All about weathering.
* <https://www.youtube.com/watch?v=5wC4rF7YPAM> / Why Science / Earth Science Episode 2 - Volcanoes, Earthquakes, and Plate Boundaries.
* <https://www.youtube.com/watch?v=dJpIU1rSOFY> / What is an Earthquake? / The Dr. Binocs Show / Educational Videos for Kids.
* <https://www.youtube.com/watch?v=MfsugkikLJI> / Tsunami / The Dr. Binocs Show / Educational Videos for Kids.
* <https://www.youtube.com/watch?v=lAmqsMQG3RM> / Volcanoe / The Dr. Binocs Show / Learn Videos for Kids.

**SCIENCE - Grade 3rd - Teacher Capellán**

**Weekly Lesson Plan (*Plan de Lección- Semana 30 Marzo - Abril 3 2020*)**

**Contents (Contenidos) - Earth Science**

**\* Changes in the Earth:** (How do Living Things Change the Earth´s Crust? / How Animals and Plants Change the Earth´s Crust? / How People Change the Earth´s Crust?).

**\* Clouds and Storms:** (How do Clouds Form? / How Water Changes Forms? / How Clouds Forms? / Kinds of Clouds / What Happens to Water in the Clouds?).

**\* Clouds and Storms:** (Forming Rain and Snow / The Water Cycle / What Causes Storms? / Thunderstorms / Hurricanes and Tornadoes / Keeping Safe During Storms).

**Main Ideas:**

* Water changes forms when it evaporates and condenses.
* Water vapor in the air condenses to form clouds.
* Cirrus clouds, cumulus clouds, and stratus clouds are three kinds of clouds.
* Rain and snow are forms of precipitation.
* Water on earth evaporates, condenses, and falls as precipitation over and over again as it goes through the water cycle.
* A thunderstorm forms when warm, moist air rises.
* A hurricane forms when warm ocean water evaporates and rises very quickly; a tornado can for during a thunderstorm when air rises quickly.
* People can help keep themselves safe during storms.

**YouTube Suggested Videos:**

* <https://www.youtube.com/watch?v=xDSFlRunlrU> / Living things change: Crahs course kids.
* <https://www.youtube.com/watch?v=keXf3dd0ZT0> / How do animals change the environment - Things we don’t know.
* <https://www.youtube.com/watch?v=EhLT11hKyok> / Cloud Facts for Kids.
* <https://www.youtube.com/watch?v=yod3wMbFHUY> / Types of Clouds - The Dr. Binocs Show / Best Learning Videos For Kids / Peekaboo Kids.
* <https://www.youtube.com/watch?v=ncORPosDrjI> / The Water Cycle / The Dr. Binocs Show / Learn Videos For Kids.
* <https://www.youtube.com/watch?v=J2__Bk4dVS0> / Hurricane / The Dr. Binocs Show / Educational Videos For Kids.
* <https://www.youtube.com/watch?v=bsUjBiZiUFg> / What is a Thunderstorm? / Why questions, Science and home experiments for kids.
* <https://www.youtube.com/watch?v=mCJPQ9dCUfs> / Thunder and Lightning explained for kids.
* <https://www.youtube.com/watch?v=EpuDYZ_g0yg> / What is a Tornado? / The Dr. Binocs Show / Best Learning Videos For Kids / Peekaboo Kids.

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***Semana Santa - Abril 6 – 10, 2020***