

Study Guide for **Grade 6** Unit 3 assessment

Subject: Science

Date of Assessment: **17th February 2020**

Duration of test: 1 lesson

You are expected to study from:

- **Earth structure**

Learning expectation

Students are expected to

- **Understand the concept and not solely memorize vocabulary**
- **Apply concept knowledge to answer the questions**
- **Try answering/solving side questions on the lessons in the textbook as a practice of critical /higher order thinking questions**
- **Not just rely on textbook information but also look into the video and weblinks shared on google classroom as reference of concepts taught in class**

1. Textbook lessons

	Topic
Chapters 2	Section 2.6 The rock cycle
	Topic
Chapters 3	Section 3.1 Drifting Continents
	Section 3.3 The theory of plate tectonics
	Section 4.1 Forces in the Earth's crust
	Topic
Chapters 5	Section 5.1 Volcanos and Plate tectonics

2. Concepts to focus on

<u>Section 2.6 The Rock Cycle Page 62-65</u>	<u>Section 3.1 Drifting Continents Page 76-79</u>	<u>Section 3.3 The Theory of plate tectonics Page 86-91</u>
<ul style="list-style-type: none">• Describe how rocks are formed.• Name the type of rock.• What is the rock cycle?	<ul style="list-style-type: none">• What was Wegener's Hypothesis about the continents?• Wegener's evidence to support his hypothesis.• Wagener's hypothesis Rejected.	<ul style="list-style-type: none">• What was the theory of plate tectonics?• What are the 3 type of plate boundaries?

Section 4.1 Forces in the Earth's Crust Page 102-109	Section 5.1 Volcanos and Plate Tectonics Page 134-137
<ul style="list-style-type: none"> • How does stress change Earth's crust? • How do faults form? • How does plate movements create new landforms? 	<ul style="list-style-type: none"> • Where are volcanos formed on the Earth's surface? • How are volcanos formed along the divergent and convergent boundaries?

3. Useful weblinks

The Rock Cycle - <https://www.khanacademy.org/partner-content/mit-k12/mit-k12-ea/v/rock-cycle>

Drifting continents - <https://www.youtube.com/watch?v=UvIDxu7twpc>

The theory of plate tectonics - <https://www.youtube.com/watch?v=yBr-D1cFmEs>

Forces in the Earth's Crust - https://www.youtube.com/watch?v=A_ZRtS3QGHw

Volcanos and Plate Tectonics - https://www.youtube.com/watch?v=TND8Ywg_UkY

4. Assessments

Title	Section
Mid check	Chapter 2 and 3
Pop quiz	All pop quizzes conducted during unit 3

5. Refer to class notebook and google classroom for the following documents

- Graphic organizers / tables/summaries done in class on their classwork notebook
- Pop quiz questions
- Videos posted on google classroom
- Weblinks posted on google classroom
- Asses your understanding questions that are on the textbook for every lesson mentioned

6. Types of questions to be expected on the test - all questions will be based on skills covered in class

- Critical thinking questions
- Higher order thinking questions
- Analytical question
- Open minded question

7. Students should bring

- Pencil
- Color pencils
- Pen blue or black only