WELLAND GOULDSMITH SCHOOL,PATULI

SUBJECT- GEOGRAPHY

CLASS- 7

**CHAPTER – WEATHERING AND SOIL FORMATION**

**SYNOPSIS**

* Earth crust is made of rocks: igneous, sedimentary and metamorphic.
* Igneous rock: formed due to the cooling and solidification of molten material from interior of the earth.

Characteristics:

* Primary rocks
* Hard and compact
* Non porous
* Donot have layers
* Crystals foun

Examples: granite,basalt

* Sedimentary rocks: formed by the compaction and hardening of the sediments brought by the agents of denudation like water, wind, etc.

Characteristics

* Secondary rocks
* Have strata
* Have fossils
* Porous

Examples: limestone, sandstone

* Metamorphic rocks: formed from the igneous and sedimentary rocks under high temperature and pressure.

Characteristics

* Tertiary rocks
* Close banded structure
* Hard and compact

Examples: marble, slate.

* Rock cycle: the continuous change of one type of rock into another type of rocks under different conditions is called the rock cycle.

**WORKSHEEET**

1. Define rock cycle.
2. Differentiate between magma and lava.
3. Identify the following rocks and classify into igneous ,sedimentary and metamorphic rocks.

Granite, quartzite, limestone, pumice, gabbro, marble

1. Why are igneous rock called primary rocks?
2. State two characteristics of the metamorphic rocks.
3. Give the changed form of the following rocks:
4. Sandstone
5. Limestone
6. Shale
7. Granite
8. Basalt
9. Coal