

the only rocks that are changed are those that are next to a body of magma that has pushed its way into solid rock.

metamorphic rocks that do not show layering or banding.

form when melted rock cools and hardens

buried rocks are changed by heat and pressure across a large region.

formed from sediments that accumulate and are cemented together

Three types

metamorphic rocks that have visible layers or bands

Foliated rocks

Bedding: Sedimentary rocks often form in layers and bands

formed from magma that cooled very slowly inside the earth, giving large crystals time to form

Organic

Chemical

Nonfoliated rocks

Contact Metamorphism

Regional Metamorphism

form from animal and plant remains that harden into rock

develop from minerals that were dissolved in water and are separated out

made of pieces of other rocks that accumulate and are cemented together

Special Features

Rocks



Metamorphic
Rocks



Sedimentary
Rocks



Igneous
Rocks

solid materials
made of
one or
more
minerals.

Two
types

A geode forms
where mineral-rich
water enters a
round hole in the
rock and deposits
crystals.

Two
types

form
when
heat &
pressure
change
existing
rocks.

formed
from
magma
that
cooled
quickly
on the
earth's
surface
so there
was little
time for
crystals
to form

Coarse

Glassy

Extrusive

caused
by small
crystals

caused
when a
rock has
no
crystals

Textures

Fine

Intrusive

causes
by large
crystals

Clastic