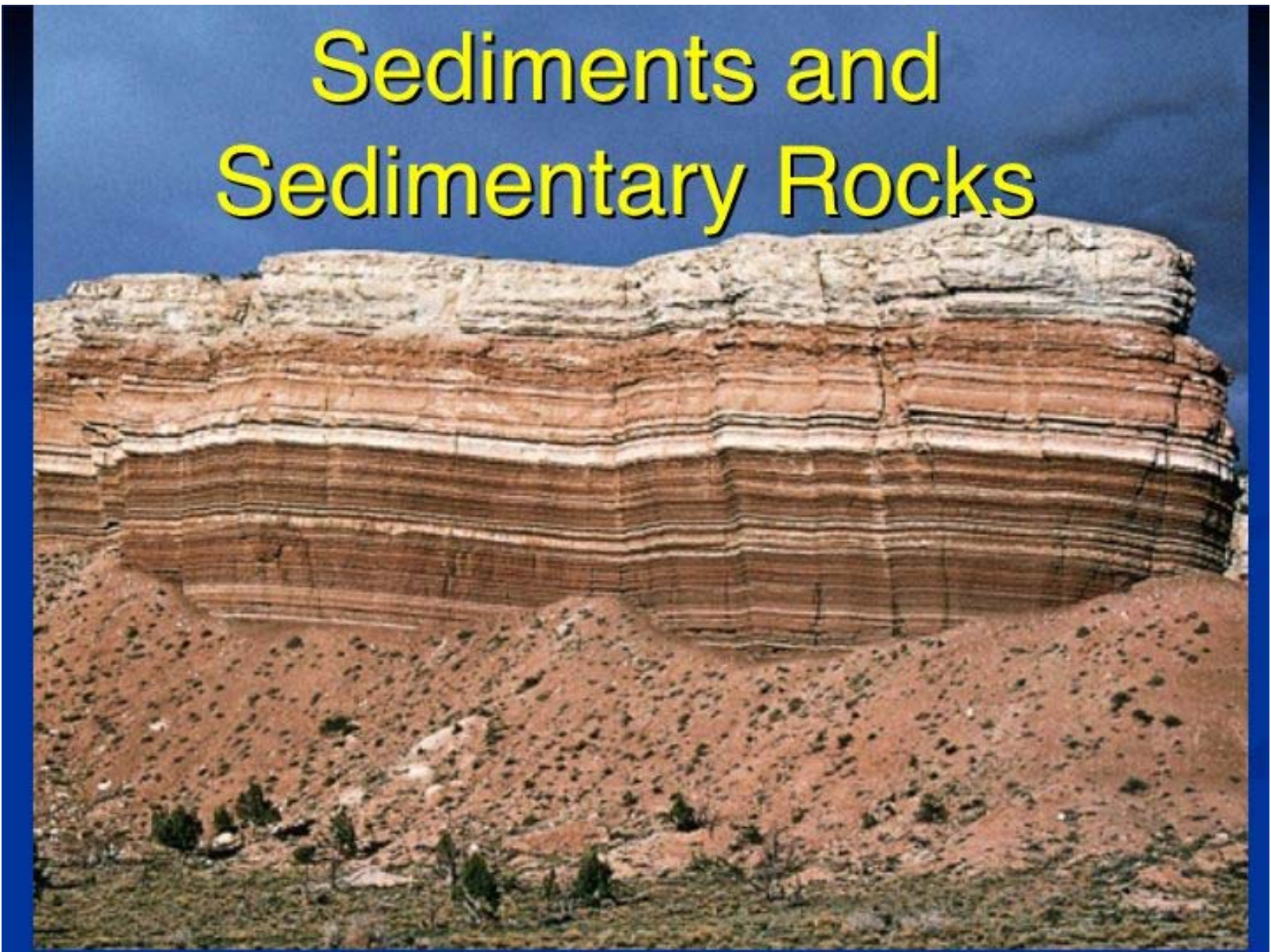


# Sediments and Sedimentary Rocks



**Form Group 80**  
**17th April 2007**

# Types of Rocks...

intrusive

erosion

Grand Canyon

sediments

sedimentary

volcanoe

igneous

metamorphic

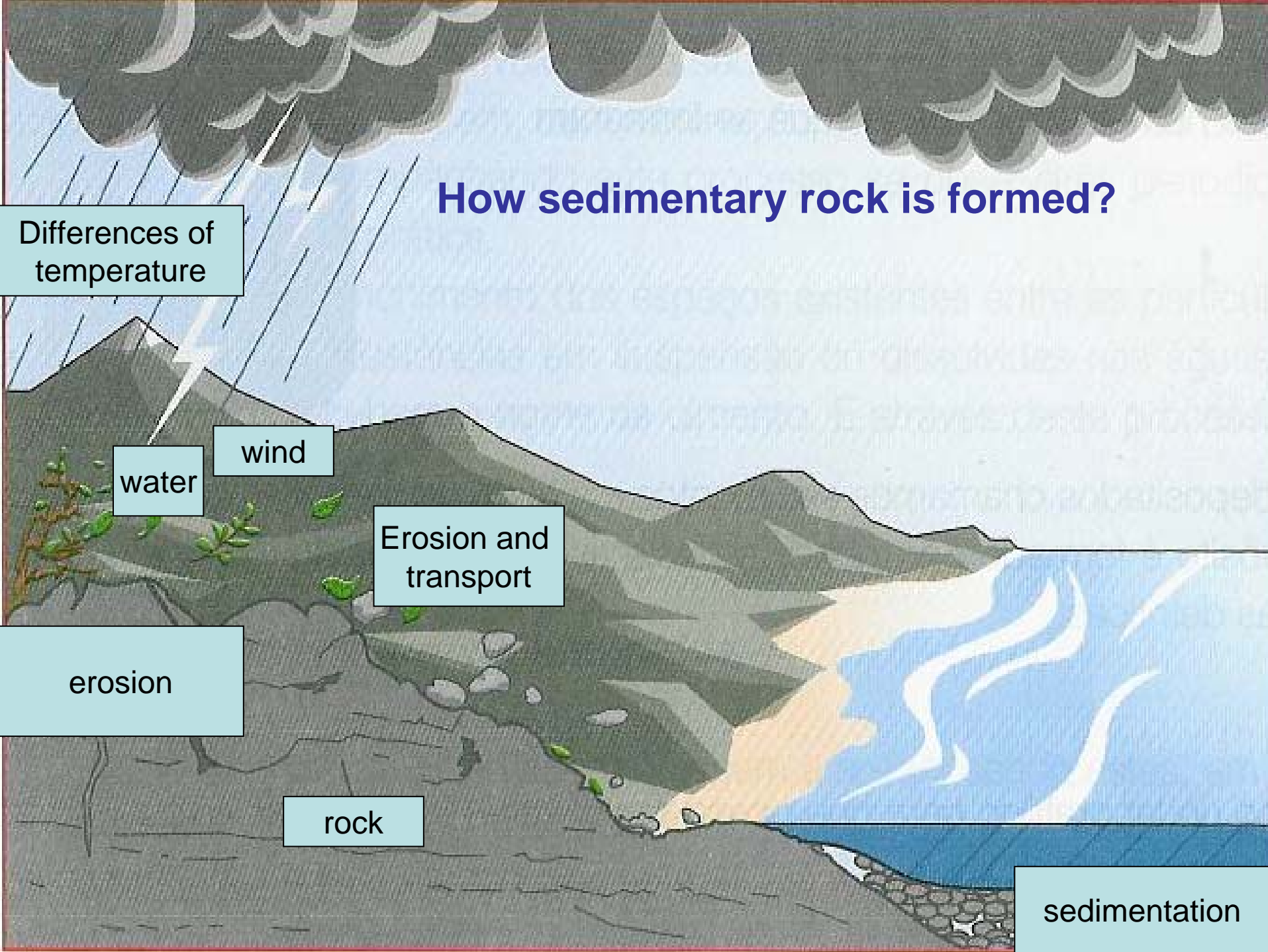
# Aim of the lesson...



How to look at what sedimentary rocks are and name some examples.



# How sedimentary rock is formed?



Differences of temperature

water

wind

Erosion and transport

erosion

rock

sedimentation

# Sedimentary Rocks...

## 1. Sandstone



- Sandstone rocks are sedimentary rocks made from small grains of the minerals quartz and feldspar.



- They often form in layers as seen in this picture. They are often used as building stones.

# Sedimentary Rocks...

## 2. Limestone



- Limestone rocks are sedimentary rocks that are made from the mineral calcite which came from the beds of evaporated seas and lakes and from sea animal shells.



- This rock is used in concrete and is an excellent building stone for humid regions.

# Sedimentary Rocks...

## 3. Conglomerate



- Conglomerate rocks are sedimentary rocks. They are made up of large sediments like sand and pebbles.
- The sediment is so large that pressure alone cannot hold the rock together; it is also cemented together with dissolved minerals.

# Sedimentary Rocks...

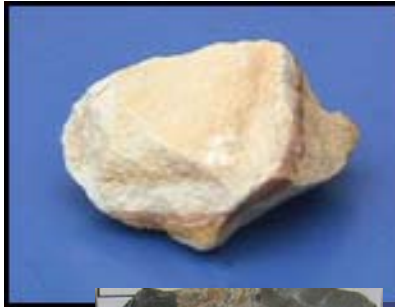
## 4. Shale



- Shale rock is a type of sedimentary rock formed from clay that is compacted together by pressure. They are used to make bricks and other material that is fired in a kiln.



# Practical Activity...



# Practical Activity...



## 1 - Apparatus:

- Hand lens
- Sedimentary Rocks samples

## 2 – Recording your results.



Sedimentary Rock	Colour	Texture	Grains obvious or not obvious	Fossils or no fossils

# Sedimentary Rocks Landscape...



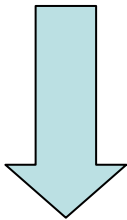
# Sedimentary Rocks Landscape...



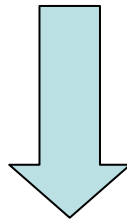
# Sedimentary Rocks Landscape...



# Do you still remember?



conglomerate



limestone



sandstone