

Year 6 - Week 11

Discovery and Foundation

Subjects

Click on the lesson you would like to complete today!

Monday

Tuesday

Wednesday

Thursday

Friday

Monday Mountains

Mountains are formed by slow but gigantic movements of the Earth's crust.

The crust is made up of 6 huge slabs called plates which fit together like a jigsaw puzzle.

Sometimes the crust smashes together, buckles or breaks into huge blocks.

Sometimes magma or erosion force mountains to form.

Mountains

There are 5 different types of mountains

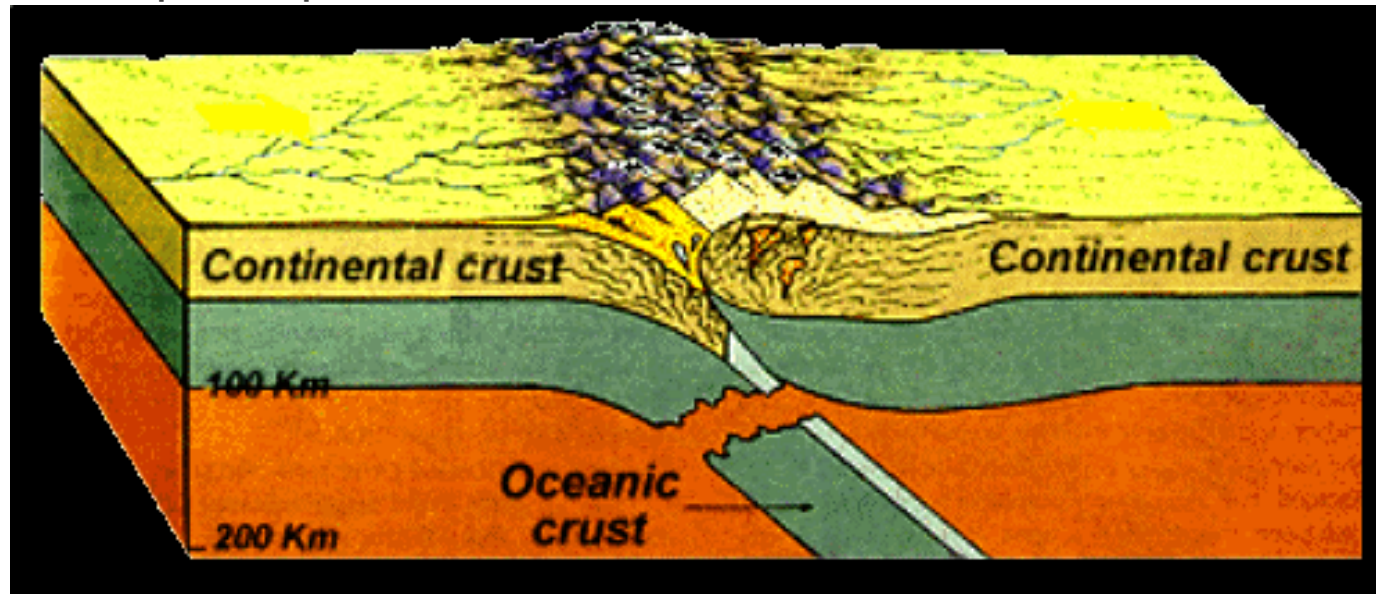
1. Fold mountains
2. Fault-block mountains
3. Dome mountains
4. Volcanic Mountains
5. Plateau Mountains



Click on the mountains to
find out more

Fold mountains

- ▶ When two tectonic plates push towards each other



How are fold mountains formed?

Fold mountains are formed when two plates move together. This can be where two continental plates move towards each other or a continental and an oceanic plate.

The movement of the two plates forces sedimentary rocks upwards into a series of folds. Fold mountains are usually found along the edges continents. When plates and the continents riding on them collide, the accumulated layers of rock crumple and fold like a tablecloth that is pushed across a table.

There are two types of fold mountains: young fold mountains (10 to 25 million years of age, e.g. Rockies and Himalayas) and old fold mountains (over 200 million years of age, e.g. Urals and Appalachians of the USA).



Alps in Europe



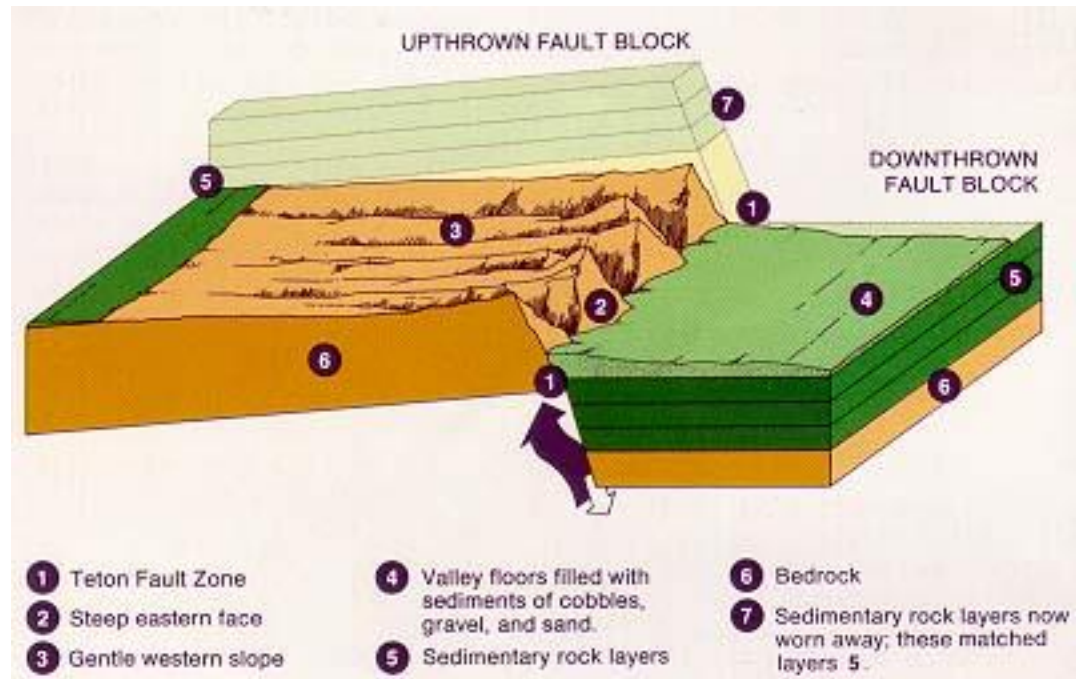
The Rockies in North America

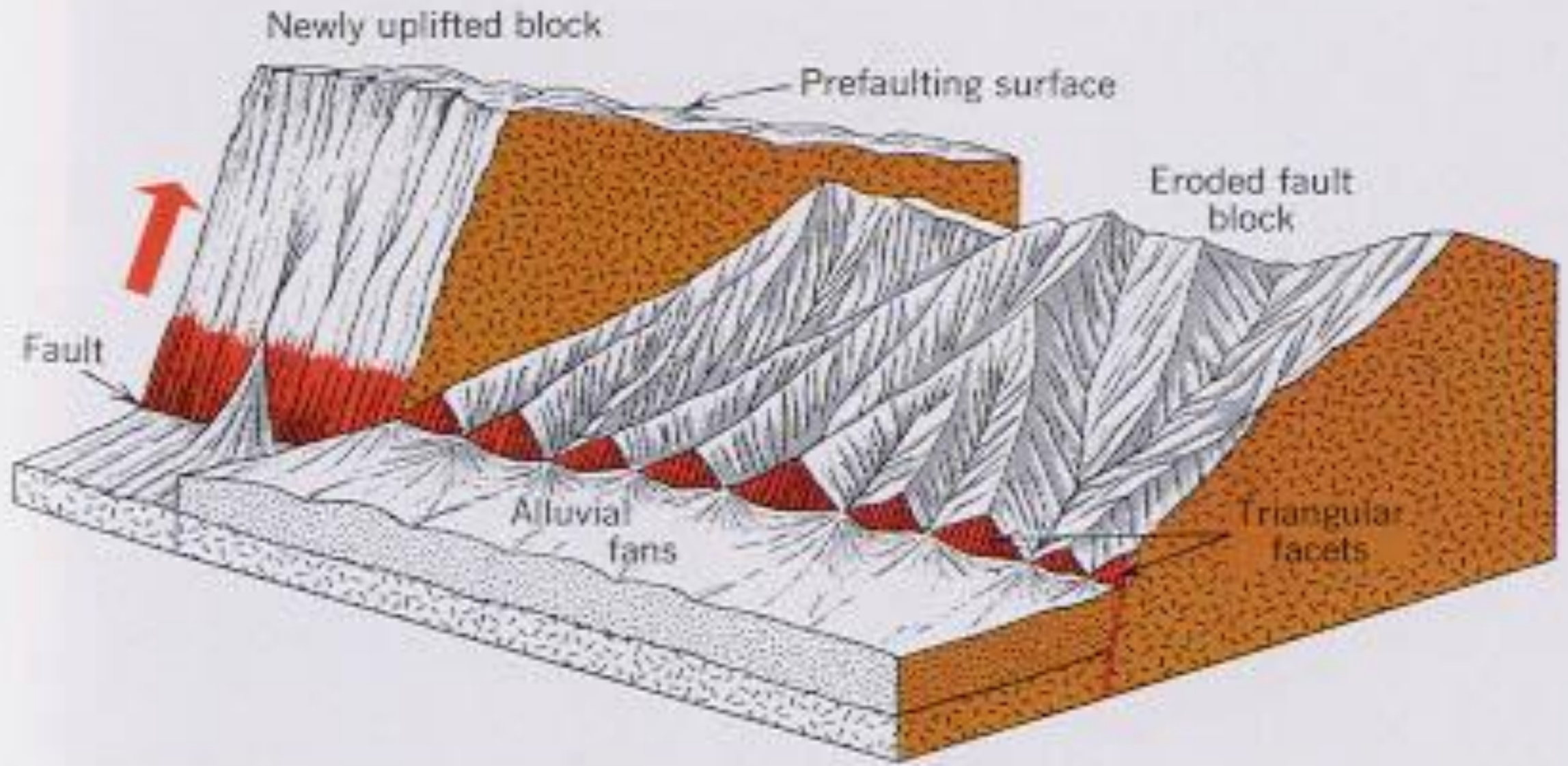


The Himalayas in Asia

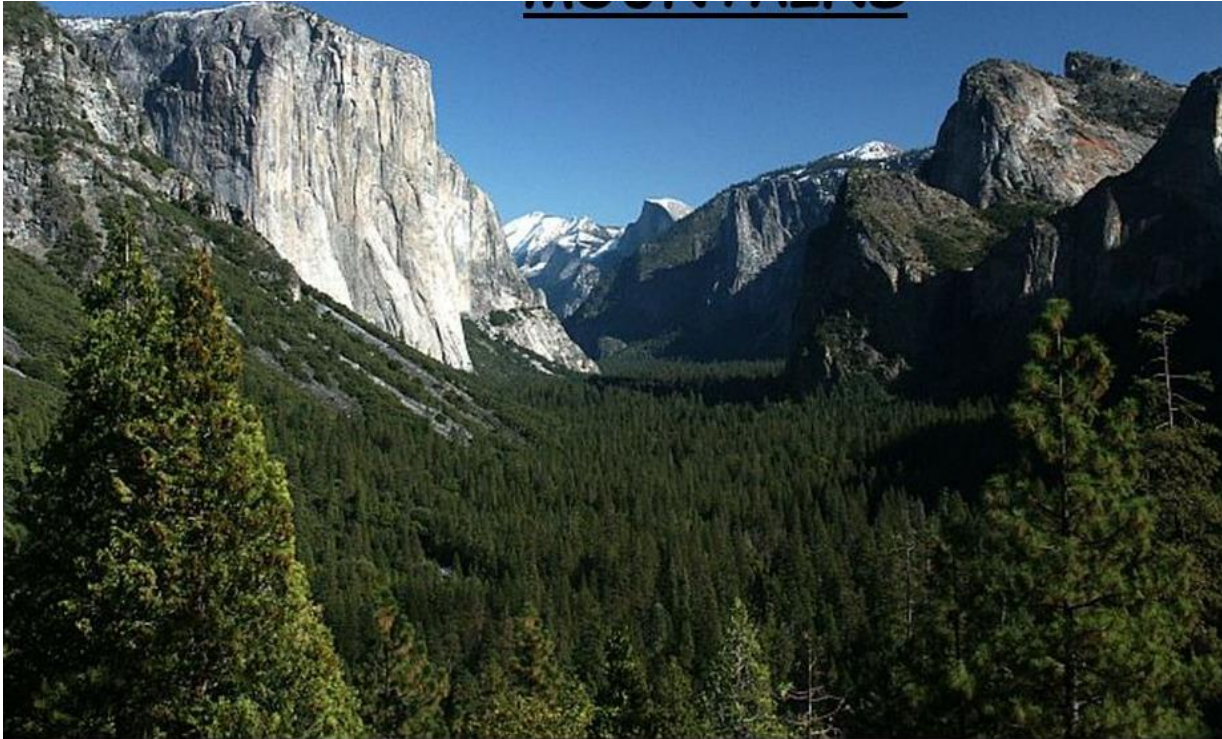
Fault block mountain

- Cracks in Earth's crust force materials or blocks of rock sometimes up and sometimes down





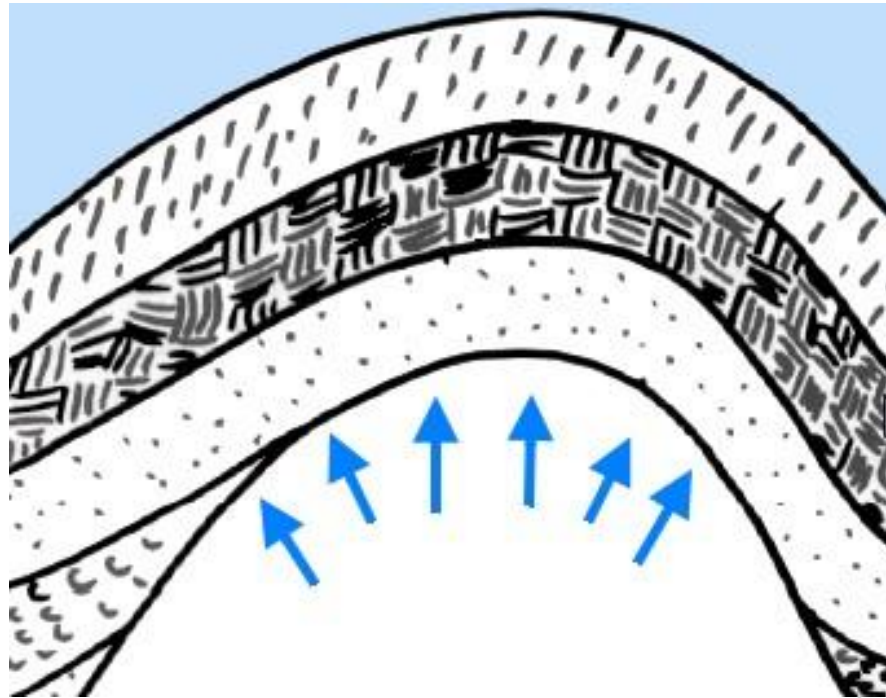
Sierra Nevada in North America



EXAMPLE of Fault-Block Mountains: The Sierra Nevada in California

Dome mountains

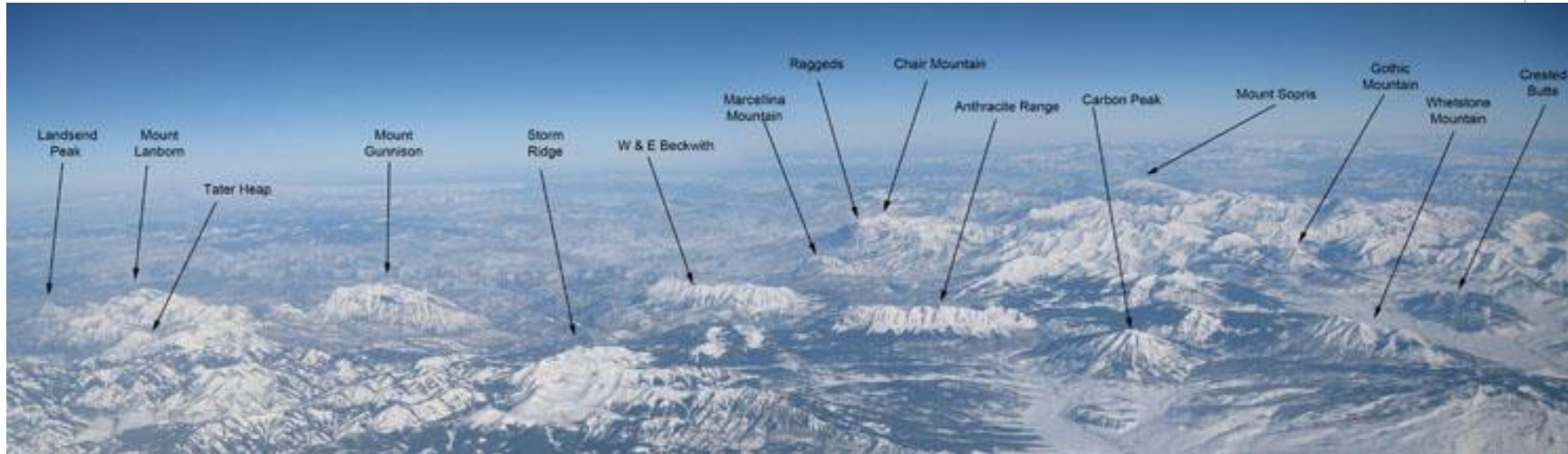
- Great amounts of melted rock (magma) pushes its way under the earth's crust, but doesn't crack it.



Montana USA



Colorado USA



Marcellina Mountian - Colorado



Black Dome, Colorado



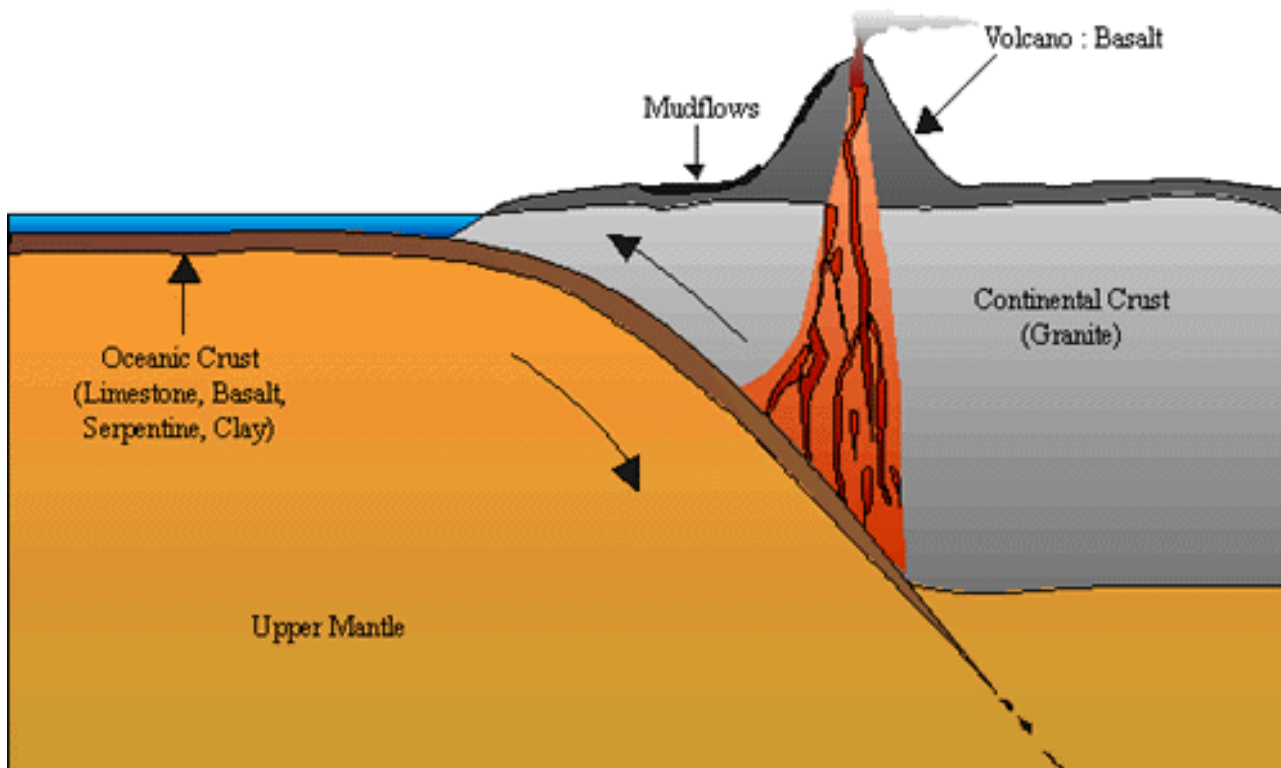
USA Mountain Ranges



Volcanic mountains

- ▶ molten rock erupts through the surface of the planet

Cascades \



Iceland

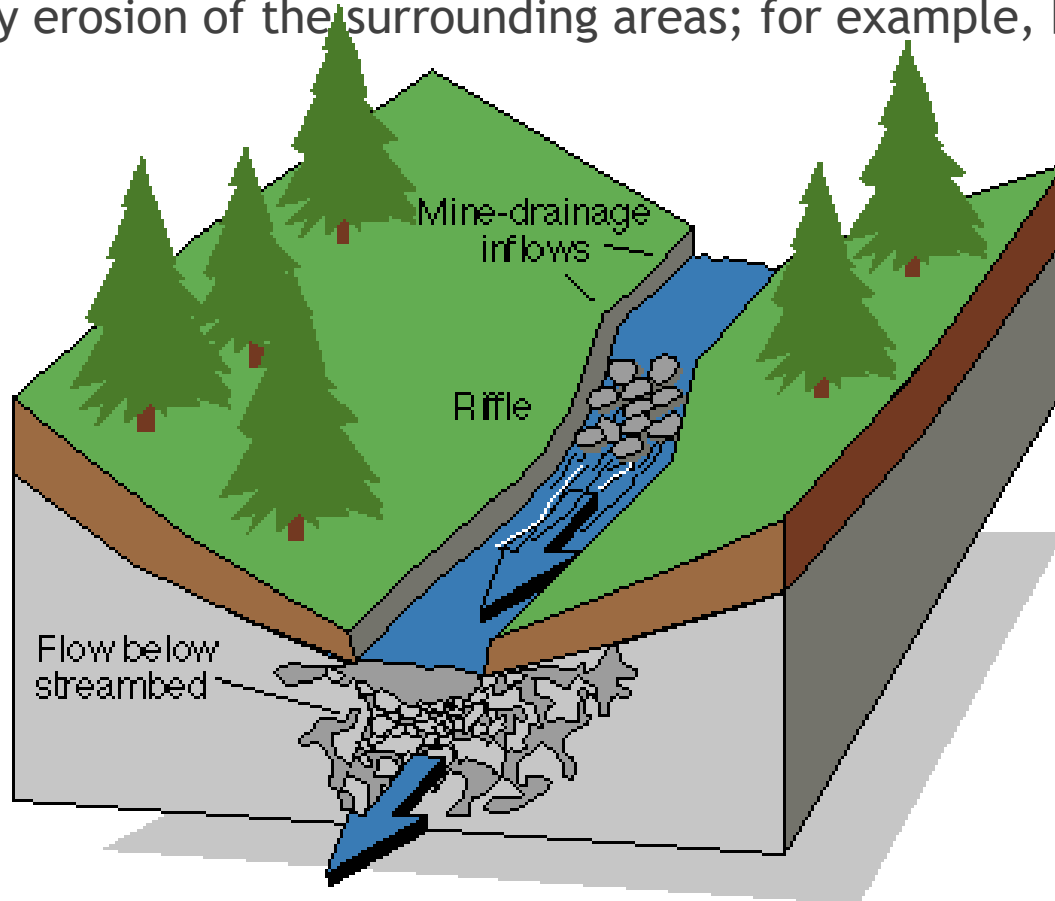


Mt Fuji -
Japan



Plateau mountains

- Caused by erosion of the surrounding areas; for example, by rivers



Tasmanian mountains

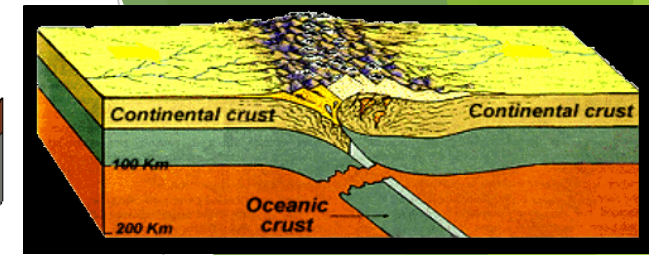
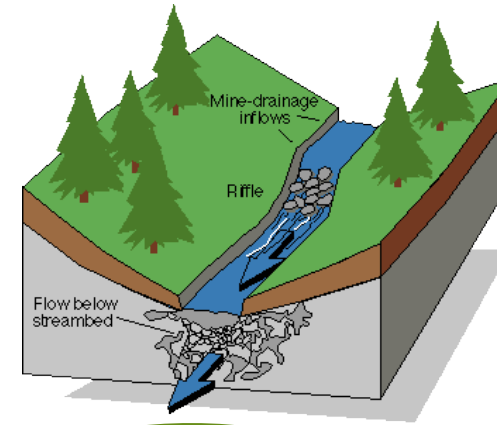


The background of the slide features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the slide, creating a modern, layered effect. The text is positioned on the left side of the slide, set against a plain white background.

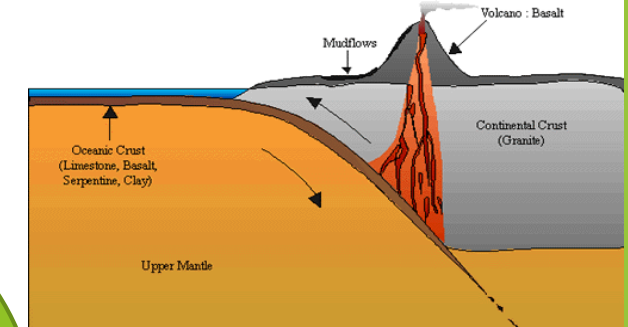
You will now explain how different mountains are formed...

Follow the instructions on your task sheet!

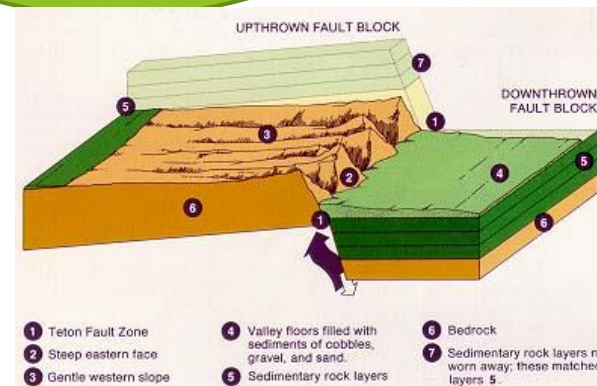
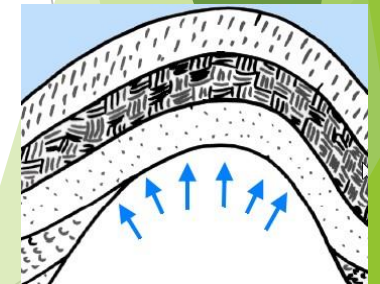
Type of Mountain	Diagram	Explanation	Example
Fold mountains			
Fault-block mountains			
Dome mountains			
Volcanic Mountains			
Plateau Mountains			



Cascades Volcano (e.g., Rainier)



Recreate this in your work book. Fill in the missing information and draw a diagram of each formation.



- 1 Teton Fault Zone
- 2 Steep eastern face
- 3 Gentle western slope
- 4 Valley floors filled with sediments of cobbles, gravel, and sand.
- 5 Sedimentary rock layers
- 6 Bedrock
- 7 Sedimentary rock layers now worn away; these matched layers 5.

Tuesday - Music

[Click here](#) to access Yumu for today's music lesson. Each of you have an individual log in. If you do not have your log in details, please email your class teacher.

Wednesday- Spanish



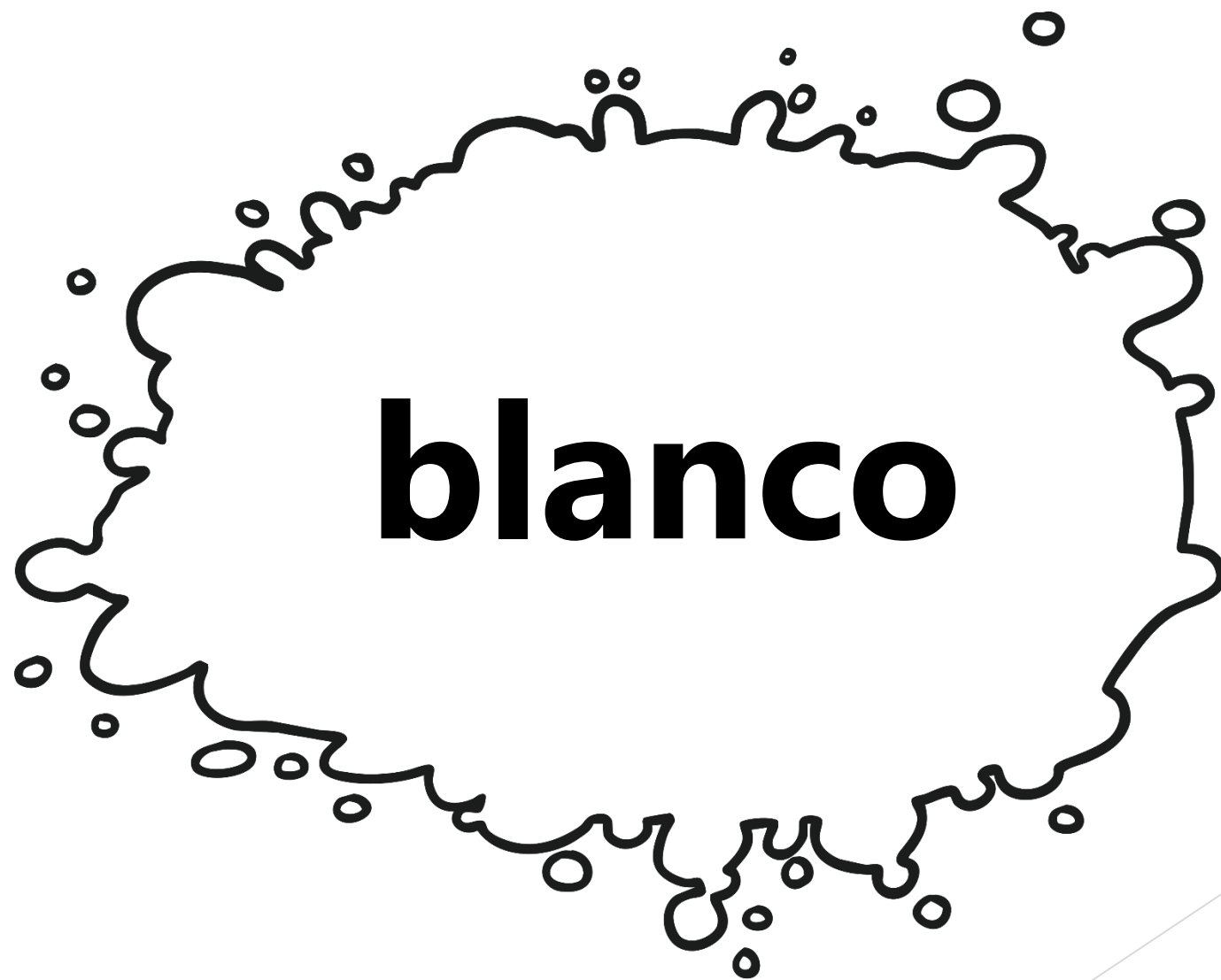
In art we have been learning about Picasso. He was born in Malaga, Spain and was a famous artist. In today's lesson we will be looking at and learning colours in Spanish.



Watch the following video on Spanish colours.

<https://www.youtube.com/watch?v=DsRKoZGaoEM>

Challenge: can you name the nursery rhyme the song is using as the background track?





marrón





rojo

A vibrant red ink splash with a thick black outline and numerous smaller droplets trailing off its edges. The word "rojo" is written in a clean, white, lowercase sans-serif font in the center of the splash. The background is white, with green geometric shapes on the right side.



negro



A large, irregular orange splash shape with a black outline and small orange droplets around it, centered on the page.

naranja

The background features a white central area with green geometric shapes on the sides. On the right, there are overlapping translucent green triangles. On the left, a single green triangle is visible.



gris



azul



morado



verde

A large, irregular pink ink splash with a black outline and several smaller pink droplets around it, centered on the page.

rosa

A large, irregular yellow splash shape with a black outline and small yellow droplets around it, centered on the page.

amarillo

Task: Your task today is
to label the colours
used in a Picasso
painting using the
Spanish translations.



Name: _____

Date: _____

Task: Your task today is to label the colours used in a Picasso painting using the Spanish translations.

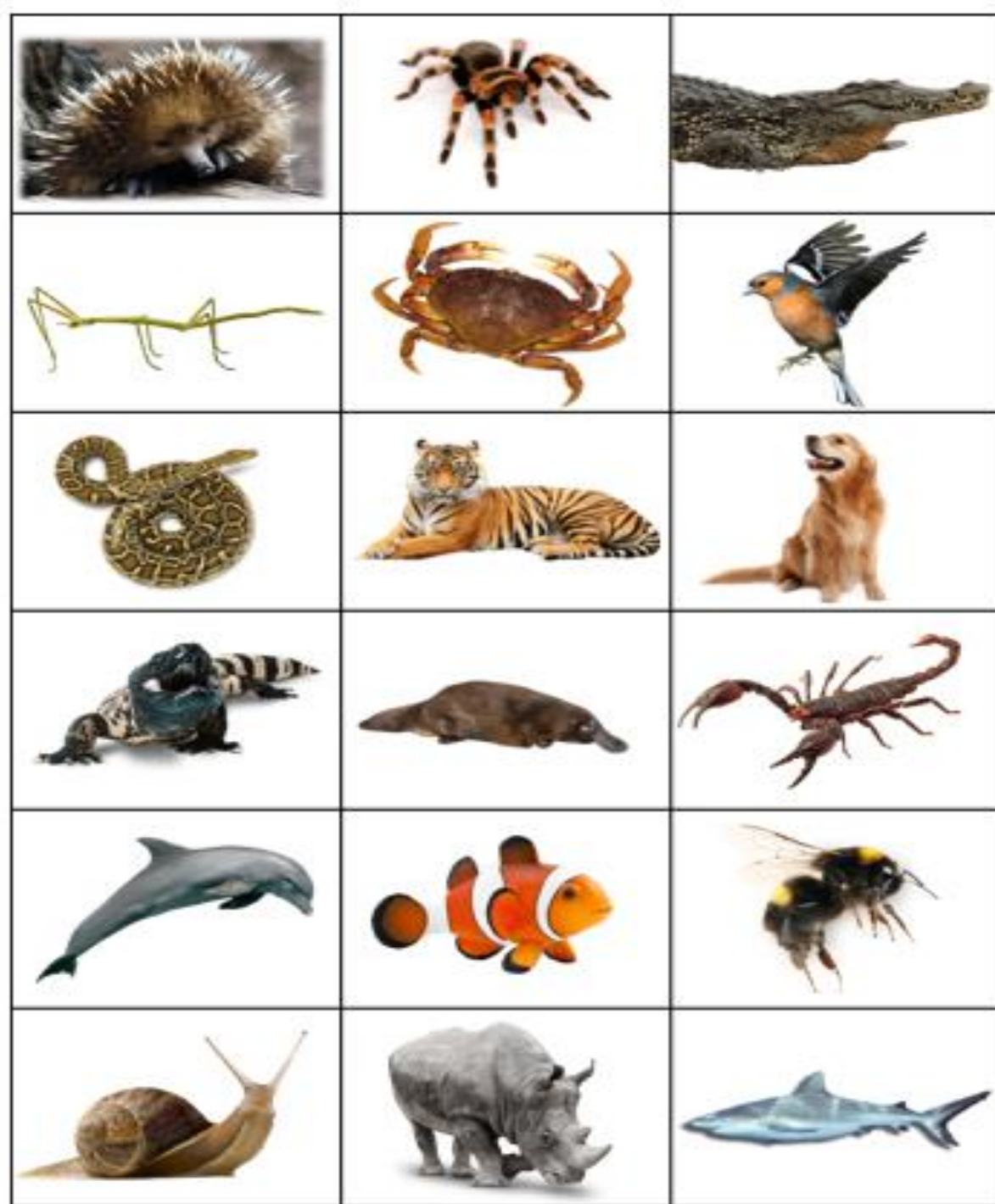
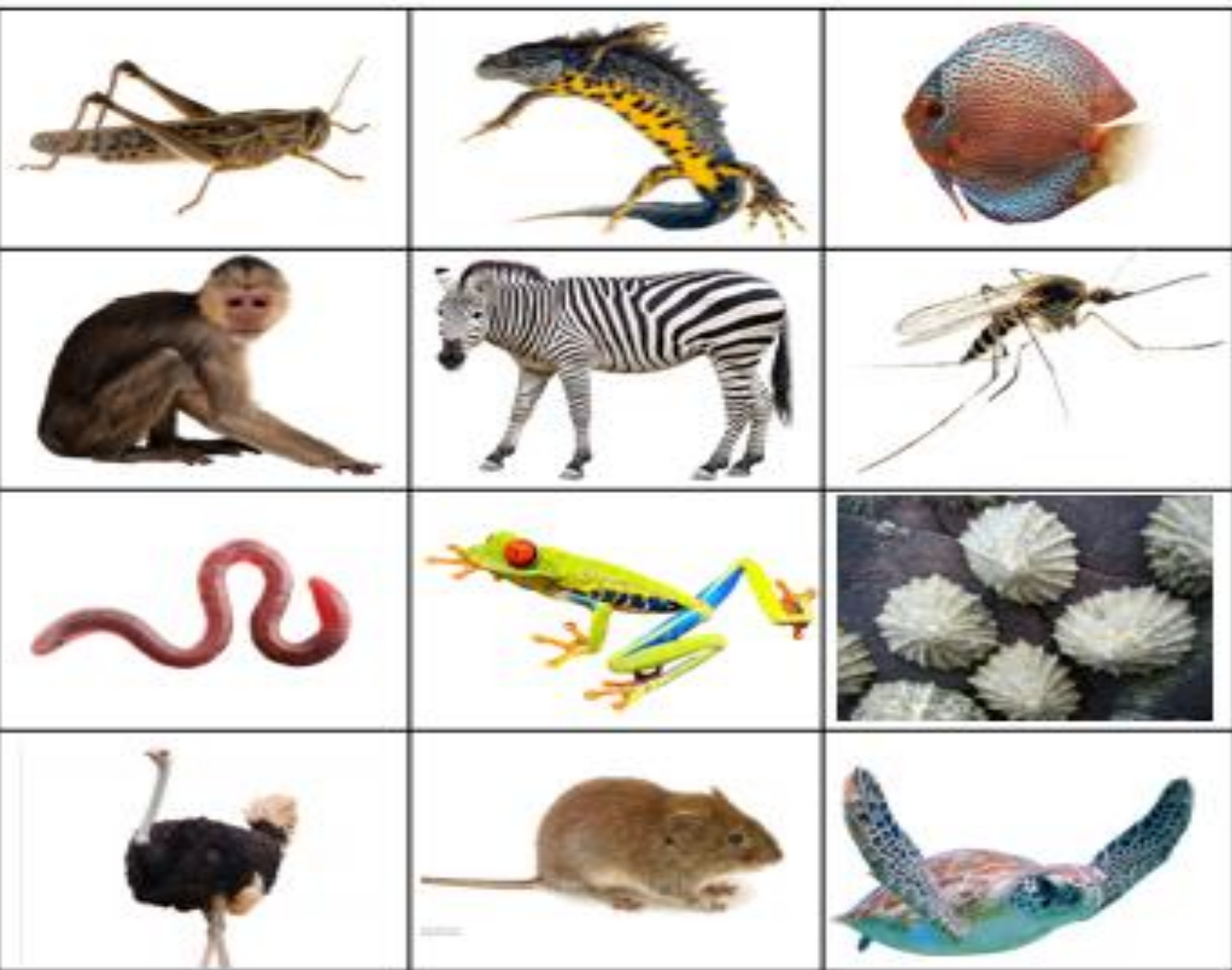


Thursday - Science

Today you will be continuing to look at the '5 Kingdoms of Life'. Read through the next few slides and then complete the activity.

Cut out/draw or write the names of the pictures of the animals and then sort them into groups.

You will need to create groups by looking at their features and characteristics. There is no right or wrong answer to this task however, once you have done that, you will need to explain why you have grouped them in the way you did.



Friday - Catch up Day

Take today to finish off any work that you still may need to finish.

Well done for all your hard work this week!