

# THE ROCK CYCLE \* EXPLAINED

## STEP 1

THE VOLCANO ERUPTS AND RELEASES LAVA.



## STEP 2

THE LAVA DRIES AND FORMS IGNEOUS ROCK.



## STEP 3

WATER ERODES THE ROCK AND CARRIES IT DOWNSTREAM.



## STEP 4

THE RIVER DEPOSITS THE ROCK IN THE OCEAN.



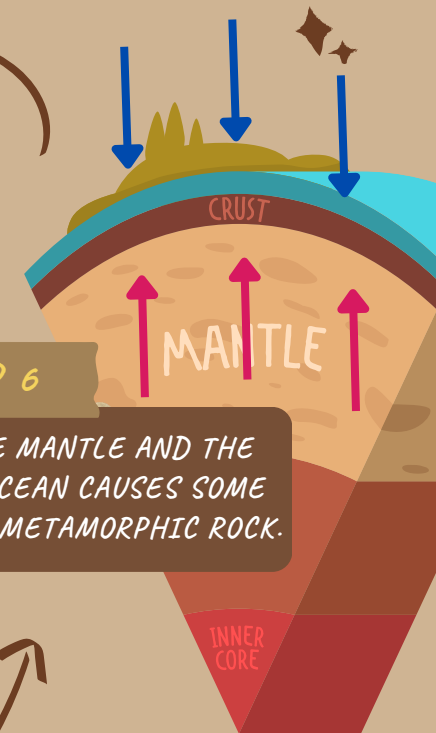
## STEP 5

THE ROCK SINKS TO THE SEA BED AND CREATES NEW SEDIMENTARY ROCK.



## STEP 6

THE HEAT FROM THE MANTLE AND THE WEIGHT FROM THE OCEAN CAUSES SOME ROCK TO CHANGE INTO METAMORPHIC ROCK.



## STEP 7

THE ROCK IS MELTED BY MAGMA AND RETURNS TO THE MANTLE WAITING TO ESCAPE DURING A VOLCANIC ERUPTION.

