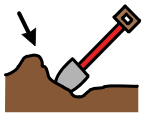


EROSION



Weather in motion



Soil



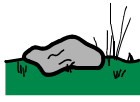
is



made



of



rock



and



dirt.



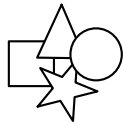
Wind



and



rain



shape



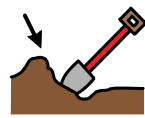
and



change



the



soil.



Breaking



down



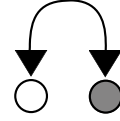
rocks



by



water



or



wind



is



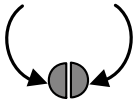
called WEATHERING.

EROSION is moving rocks and soil from place

to place.



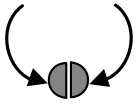
Water



makes EROSION.



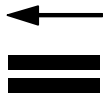
Wind

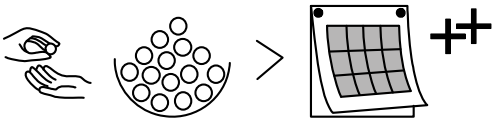


makes EROSION.



The GRAND CANYON was made by water EROSION.





For many of years,



the



COLORADO



RIVER



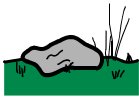
cut



into



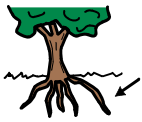
the



rock.



Plant



roots

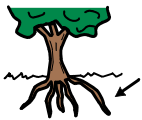


stop

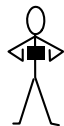
EROSION.



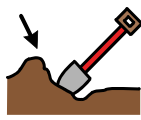
Plant



roots



keep



soil



in



place.



Now



you



know



about

EROSION.



The End



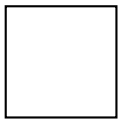
Dry



Wet



EROSION Experiment check list

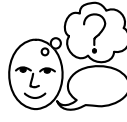


1



Make

a



guess

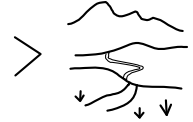
-



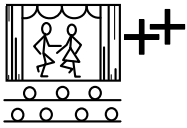
What



kind



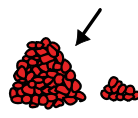
of land



shows

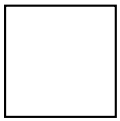


the



most

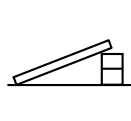
EROSION ?



2



Find



sloped



pan



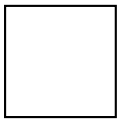
with



dry



sand.

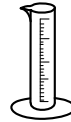


3



Fill

a



graduated cylinder



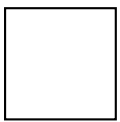
with

100

100 mL of



water.



4



Pour

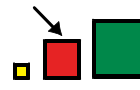


water



at

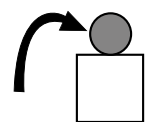
a



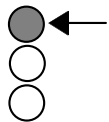
medium



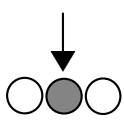
speed



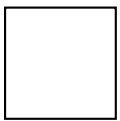
onto



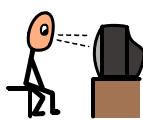
top



middle.



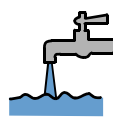
5



Watch



the



water

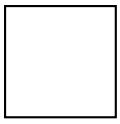
erode



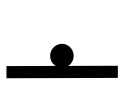
the



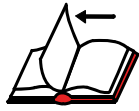
sand.



6



On



page

1

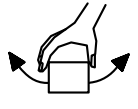


draw

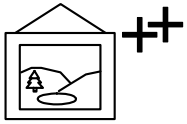


the

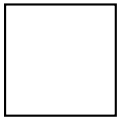
EROSION



using



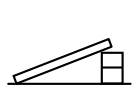
pictures.



7



Find



sloped



pan



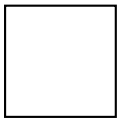
with



wet



sand.



8



Fill

a

graduated

cylinder



with

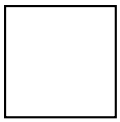
100

100

mL of



water.



9



Pour



water



at

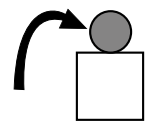
a



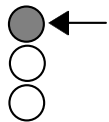
medium



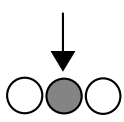
speed



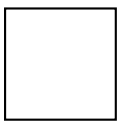
onto



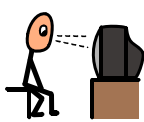
top



middle.



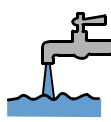
10



Watch



the



water

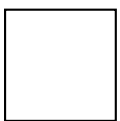
erode



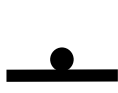
the



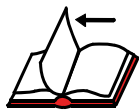
sand.



11



On



page

1

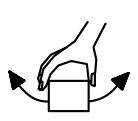


draw

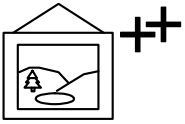


the

EROSION



using



pictures.

 **12**



Smooth sand flat.

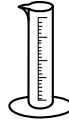
 **13**



Fill

a

a



graduated cylinder



with

200 mL of



water.

 **14**



Pour



water



at

a

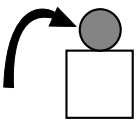
a



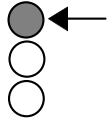
medium



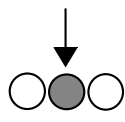
speed



onto

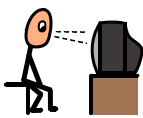


top



middle.

 **15**



Watch



the



water

erode



the



sand.

 **16**



On



page

1

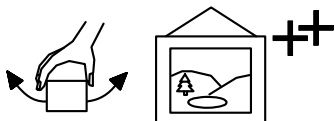
1



draw



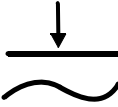


the


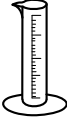



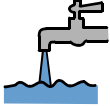
EROSION using pictures.

 **17**






  
Smooth sand flat.

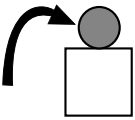
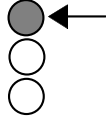
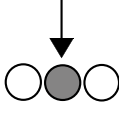
 **18**

 **a**   **50**
Fill a graduated cylinder with 50

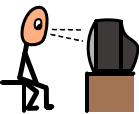

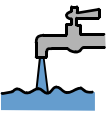


> 
mL of water.

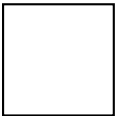
 **19**





   **a**  
Pour water at a medium speed


  
onto top middle.

 **20**

    
Watch the water erode the sand.

 **21**

  **1**   
On page 1 draw the erosion using

 ++
pictures.