

Activity Sheet 1: Compare the theories!

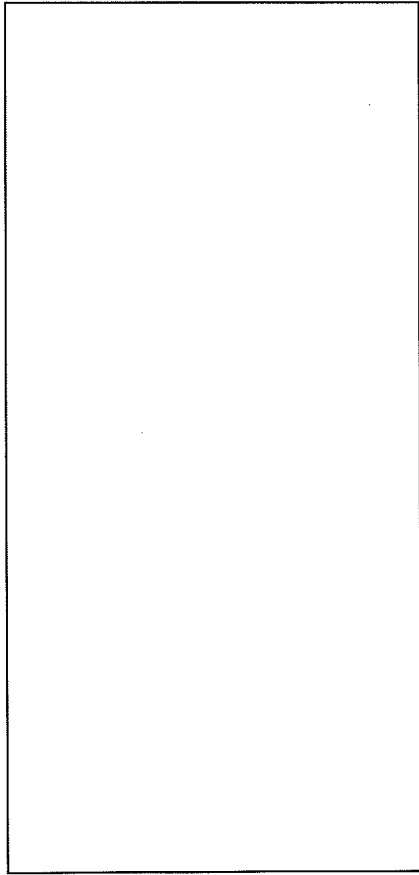
Name _____ Date _____

Topic		Who thought this? Lamarck, Darwin, or both of them?
1.	Organisms have changed over time.	
2.	Organisms changed because they wanted to survive.	
3.	There was variation in a population.	
4.	Certain traits helped organisms survive and reproduce better than other organisms without those traits.	
5.	Organisms can never become extinct.	
6.	The environment had something to do with why organisms changed.	
7.	Parents are able to pass on at least some of their traits to their offspring.	
8.	Parents are only able to pass on traits that they were born with.	
9.	Organisms could decide to change something about their body and pass on that change to their offspring.	
10.	Organisms are still changing.	

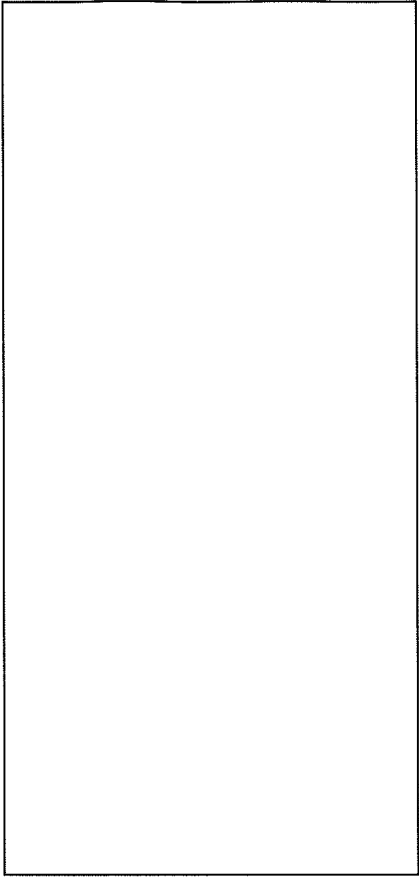
Activity Sheet 2: Lamarck's Theory

Name _____ Date _____

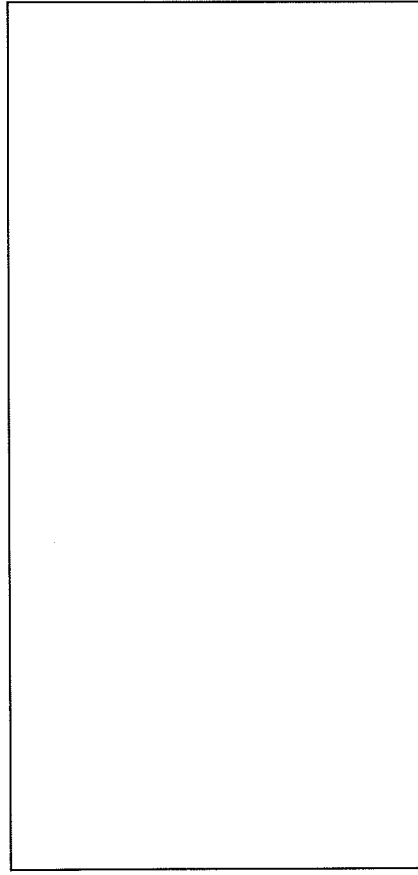
Step 1



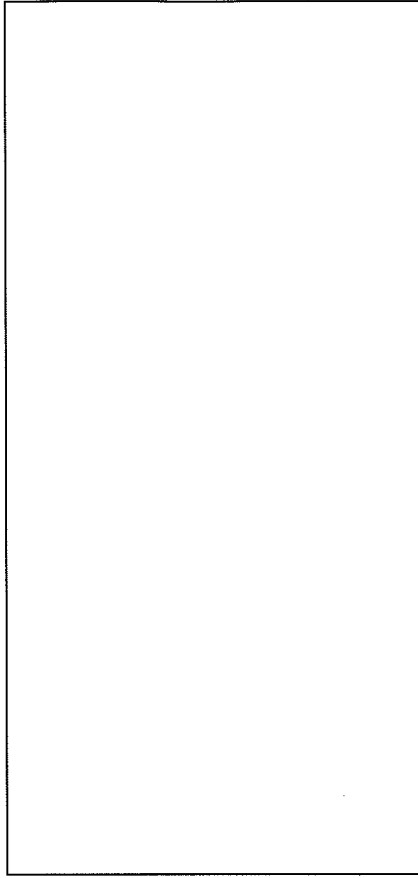
Step 2



Step 3

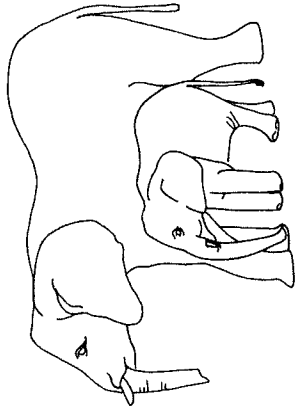


Step 4

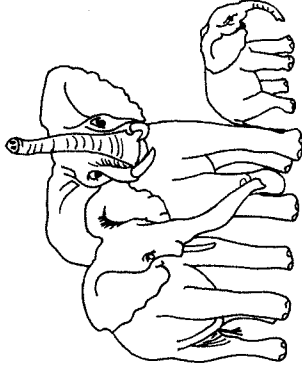


Activity Sheet 3: Lamarck's Theory

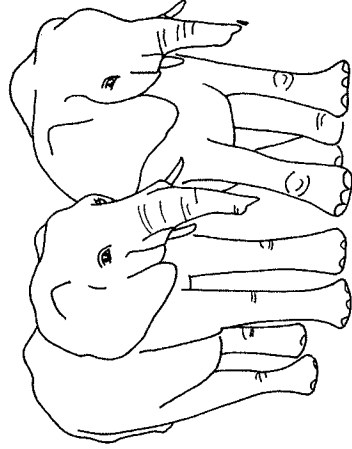
Baby elephants are born with stretched trunks .



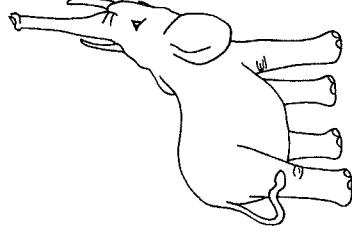
Elephants continue to stretch their trunks and have babies with even longer trunks



All elephants have short trunks



All elephants stretch their trunks a little.

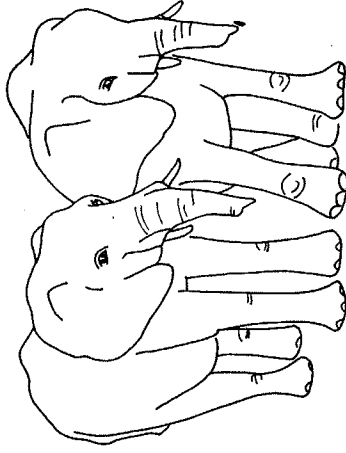


Activity Sheets 2 and 3: Lamarck's Theory

Teacher Key

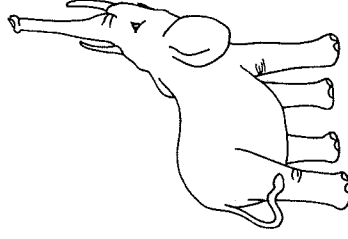
Step 1

All elephants have short trunks.



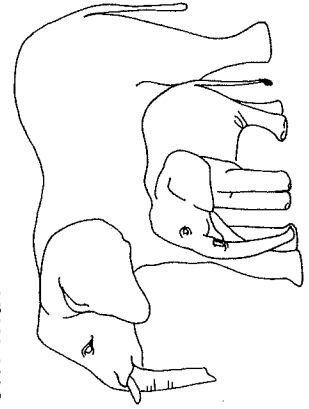
Step 2

All elephants stretch their trunks a little.



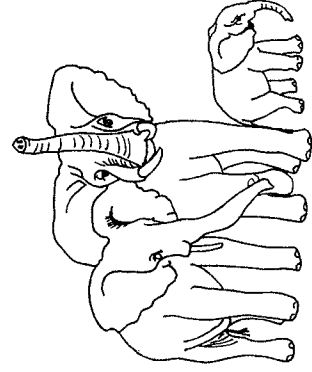
Step 3

Baby elephants are born with stretched trunks



Step 4

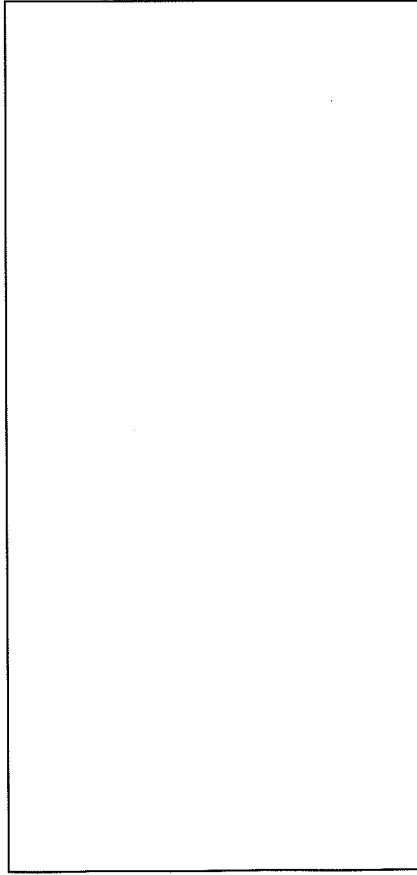
Elephants continue to stretch their trunks and have babies with even longer trunks



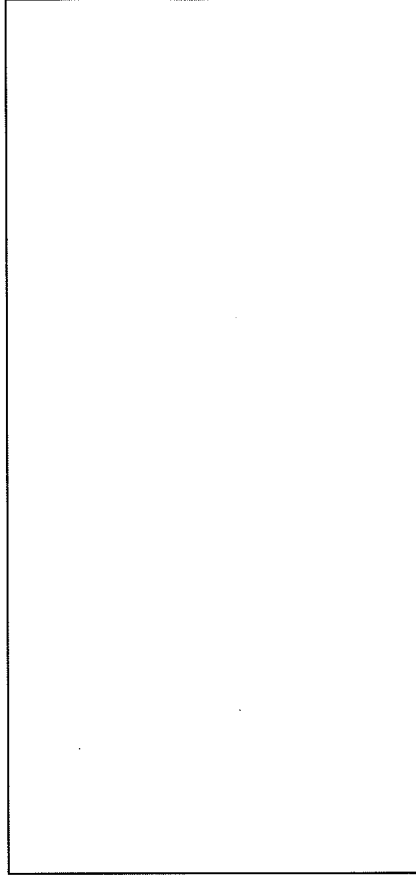
Activity Sheet 4: Darwin's Theory

Name _____ Date _____

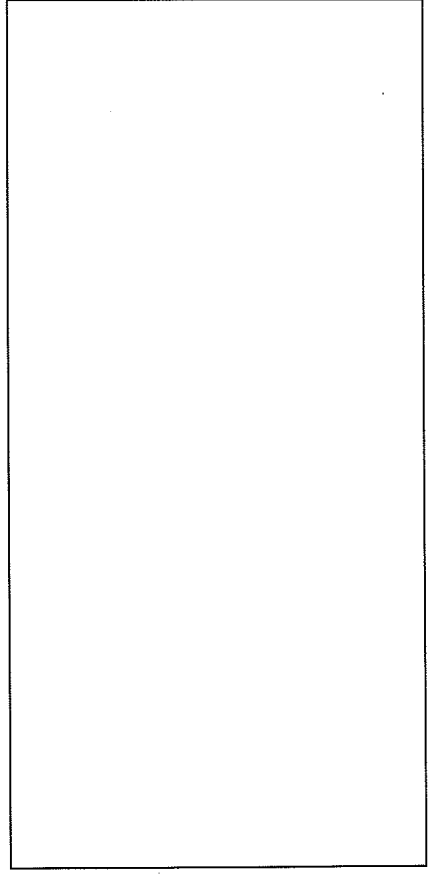
Step 1



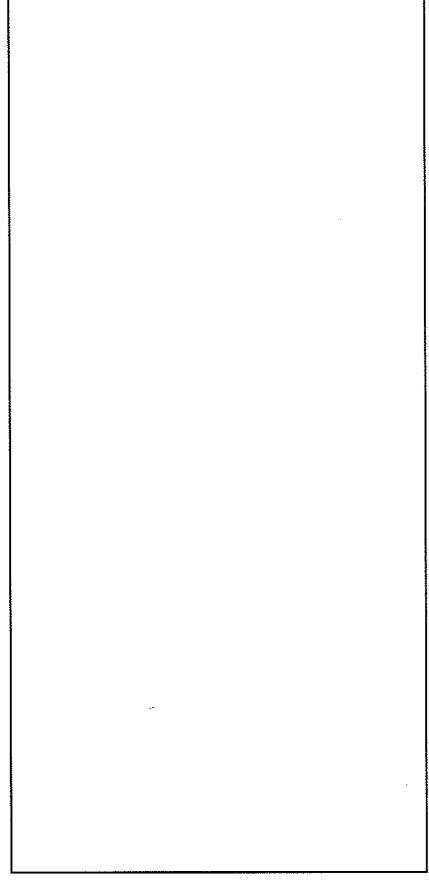
Step 2



Step 3

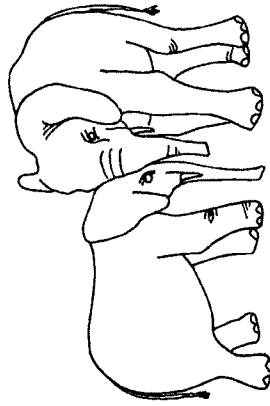


Step 4

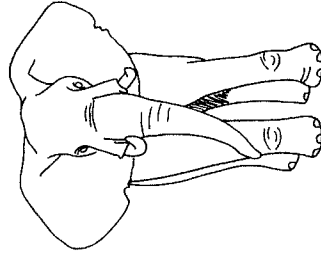


Activity Sheet 5: Darwin's Theory

Most elephants have short trunks, but some elephants have long trunks



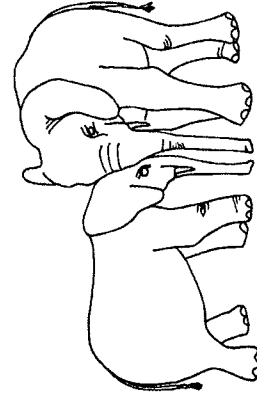
All the elephants that survive have long trunks.



Short-trunked elephants begin to die off because they can't reach food and water.



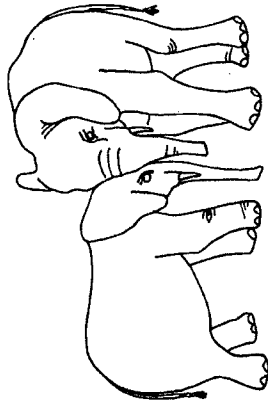
Living elephants with long trunks have babies with long trunks.



Activity Sheets 4 and 5: Darwin's Theory
Teacher Key

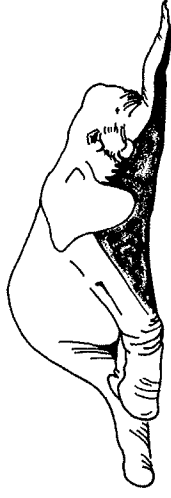
Step 1

Most elephants have short trunks, but some elephants have long trunks



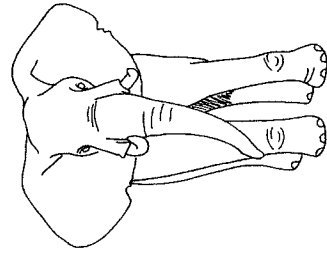
Step 2

Short-trunked elephants begin to die off because they can't reach food and water.



Step 3

All the elephants that survive have long trunks.



Step 4

Living elephants with long trunks have babies with long trunks.

