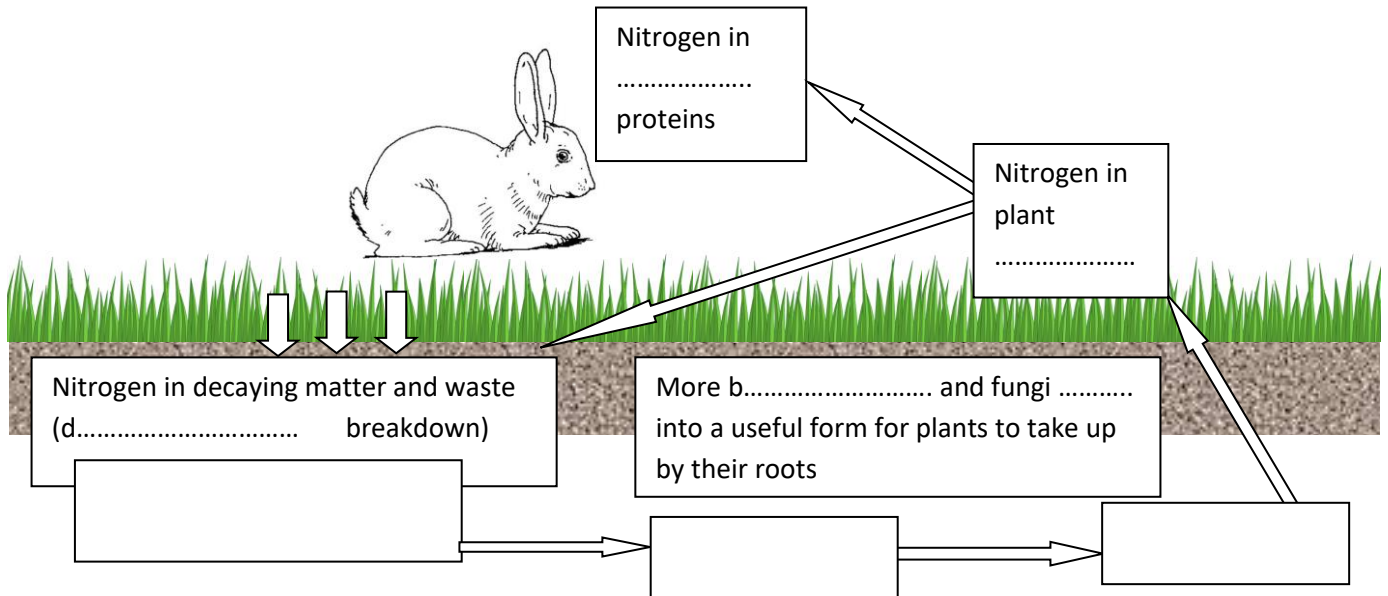


Basic Nitrogen Cycle

|            |                    |        |          |          |            |     |
|------------|--------------------|--------|----------|----------|------------|-----|
| Word bank: | decomposers        | animal | bacteria | proteins | atmosphere | fix |
|            | ammonium compounds |        | nitrites | nitrates |            |     |

Nitrogen (N<sub>2</sub>) in the  
.....



Add-ons to the nitrogen cycle (add into the diagram above if it helps)

|  |  |  |
|--|--|--|
| <p>Lightning</p>  <p>Adds extra nitrogen to the soil as..</p> | <p>Fertilisers</p>  <p>Adds extra nitrogen as....</p> | <p>Leguminous plants</p>  <p>Add extra nitrogen as...</p> |
|--|--|--|

Lastly.... Some bacteria do not fix nitrogen, but instead release it back into the atmosphere.

These are .....nitrifying bacteria.

|  |   |   |   |
|--|---|---|---|
| Check your key area statements. If not green you need to do more work!                       | G | A | R |
| Nitrogen is needed to make proteins  |   |   |   |
| The set of processes that move nitrogen through the environment is called the nitrogen cycle |   |   |   |
| The nitrogen cycle uses bacteria and fungi in several of its stages                          |   |   |   |
| Basic nitrogen cycle can be drawn out and its main stages identified                         |   |   |   |

You could use; check lists  mind maps  vocabulary lists  Summarised notes  highlighted notes   
 cue cards  past paper/practice questions  Other people testing you  Extra help after school  BBC bitesize   
 Quizlet flash cards  edmodo  other websites  (make sure you have a note of them if good)