

Separate Science - Chemistry - Key Stage 4

C10 Using Resources

# **Making Fertilisers in the Lab and in Industry**

Miss Offer



# Independent task - Recall questions

## Answer the following questions:

1. Which elements make up NPK fertilisers?
2. What is the chemical formula for ammonia?
3. What is the fertiliser made from ammonia and phosphoric acid called?
4. What is the fertiliser made from ammonia and sulphuric acid called?
5. Why do plants need nitrogen?



# Independent task - Recall questions

## Answer the following questions:

1. What is meant by a continuous process?
2. What is the name of the fertiliser produced when phosphate rock is treated with phosphoric acid?
3. Why do fertiliser factories often start with the raw materials needed to make fertiliser rather than buying in ammonia?
4. Where does potassium come from which is used in fertilisers?
5. Why can potassium salts be used directly instead of being converted into another product?

