Research activity

Use your online searching abilities to see if you can find out as much about the topic as you can. Remember it you are a prospective A level chemist, you should aim to push your knowledge.

Pick any two tasks

* Task 1: The chemistry of fireworks What are the component parts of fireworks? What chemical compounds cause fireworks to explode? What chemical compounds are responsible for the colour of fireworks?
* Task 2: Why is copper sulfate blue? Copper compounds like many of the transition metal compounds have got vivid and distinctive colours – but why?
* Task 3: Aspirin What was the history of the discovery of aspirin, how do we manufacture aspirin in a modern chemical process?
* Task 4: The hole in the ozone layer Why did we get a hole in the ozone layer? What chemicals were responsible for it? Why were we producing so many of these chemicals? What is the chemistry behind the ozone destruction?