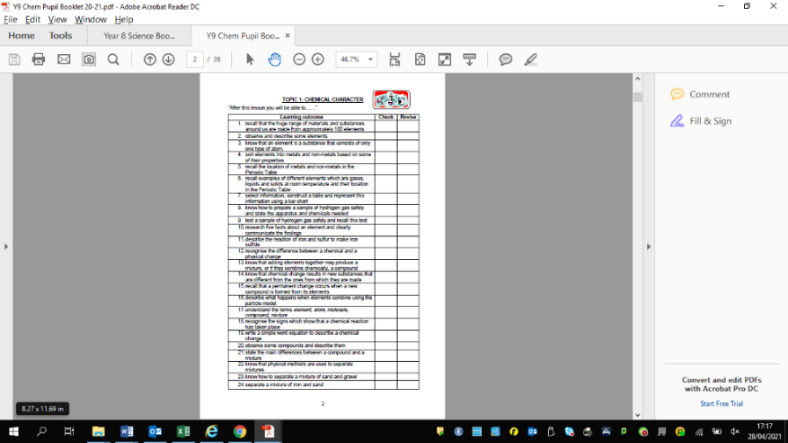
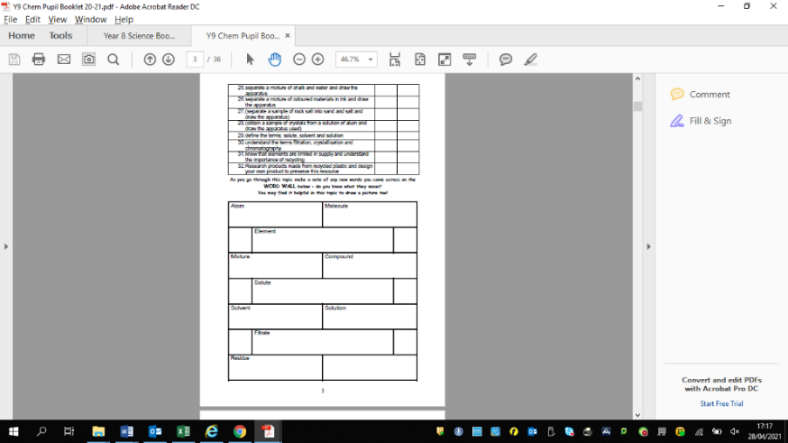
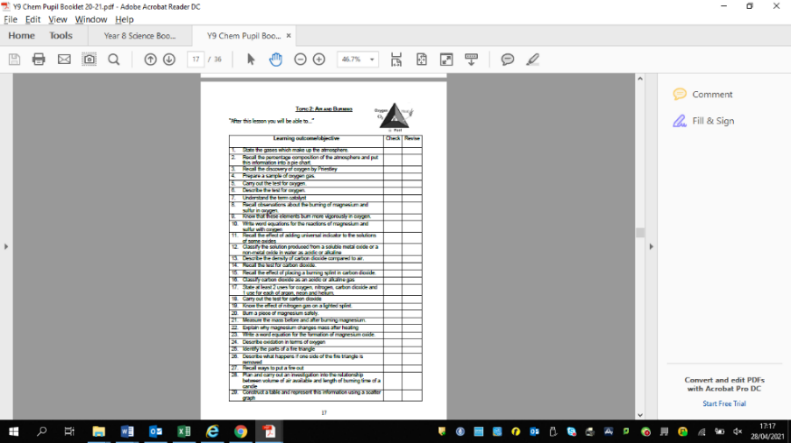
**Year 8 Science Revision Checklist and Key points**



Remember to check that you know each learning outcome from pages2-3.

All learning outcomes could be asked unless specifically mentioned below.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Being a Scientist** | Test your revision...Can you explain each of the key points below? | | | | | | | | Revised?   |
| Learning Outcomes 1-5 | List two things you shouldn’t do in the science lab | | | | | | | |  |
| Can you identify each of these hazard symbols… | |  | | |  | | |
|  | |  | | |  | | |
|  |  |  | | |  | | | |  |
| Learning Outcomes 6-8 | Label the parts of the Bunsen | | | | | | | |  |
| What steps do you take to light the Bunsen? | | How do you get a yellow flame? | | | How do you get a blue flame? | | |
|  |  |  | | |  | | | |  |
| Learning Outcomes 10-14  (Learning outcome 9 not required) | Drawing diagrams?   * Draw in Pencil * Label in Pen * Draw in section (no 3D diagrams) | | | |  | | | |  |
| Draw a diagram to show the apparatus (assembled) required to heat water in a boiling tube | | | | | | | |
| What colour will the flame be when following are placed into the Bunsen? | | Copper | | | Sodium | | Potassium |
|  | | |  | |  |
|  |  | |  | | |  | |  |  |
| Learning Outcomes 15-23 | Write the units and apparatus required to measure | |  | | | Unit | | Apparatus |  |
| Temperature | | |  | |  |
| Time | | |  | |  |
| Length | | |  | |  |
| Volume | | |  | |  |
| Mass | | |  | |  |
|  |  | |  | | |  | |  |  |
| Learning Outcomes 24-30 | Can you follow a branching key? | | | | | Can you follow a statement key? | | |  |
|  |  | |  | | |  | |  |  |
| Learning Outcomes 31-37  (Learning outcomes 38-40 not required) | Success criteria for drawing a table   1. A title describing the contents of the table. 2. Headings for each column. 3. Units in the headings where necessary. 4. Lines drawn neatly using a pencil and ruler. | | | | | | | |  |
| What is an independent variable? | | | What is a dependent variable? | | | What is a controlled variable? | |

Remember to bring to your exam

* 2 Pens
* Pencil
* Rubber
* Ruler
* Calculator