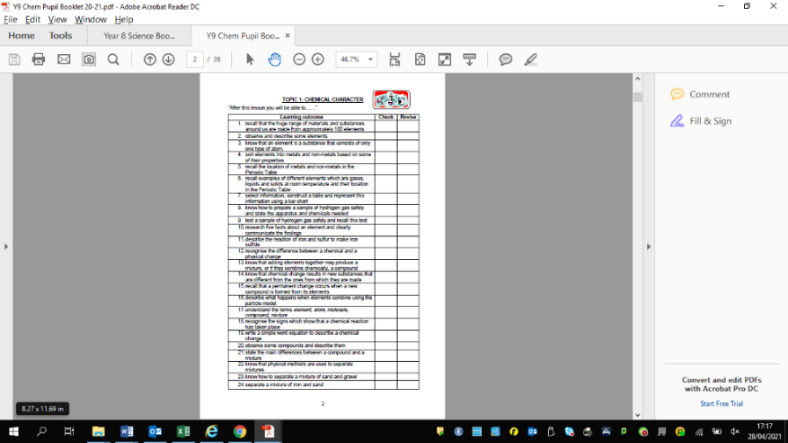
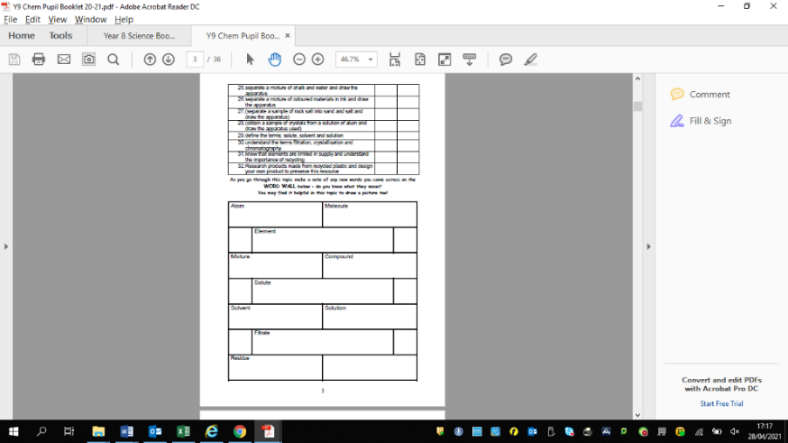
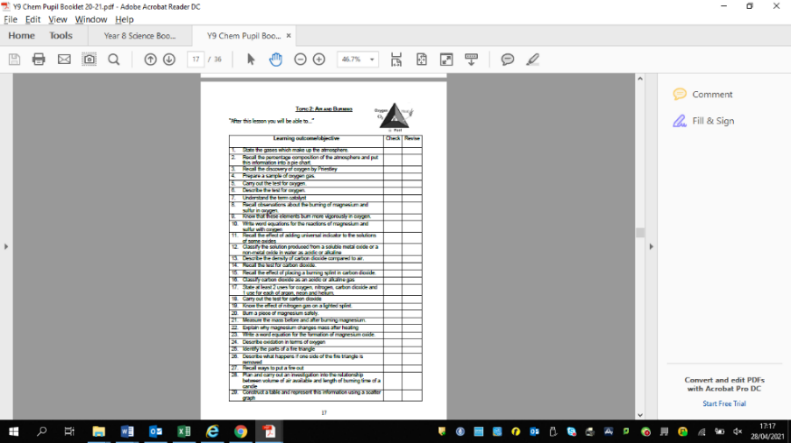
**Year 9 Chemistry Revision Checklist and Key points**



Remember to check that you know each learning outcome from page 2 and pages 13-14 in your pupil booklet.

All learning outcomes could be asked unless specifically mentioned below.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Investigating Acids** | Test your revision...Can you explain each of the key points below? | | | | | | | | | | | | Revised?   |
| Learning Outcomes 1-5 | What acid is in…. | | | | Fruit Juice | | | | | Ant stings | | |  |
| What alkali is in… | | | | Lime | | | | | Toothpaste | | |
| Acids taste \_\_\_\_\_\_\_\_\_\_ | | | | Alkalis feel  \_\_\_\_\_\_\_\_\_\_ | | | | | A common laboratory acid would be  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
|  |  |  | |  | | | | | | | | |  |
| Learning Outcomes 6-8 | Acids and alkalis often have the following hazard symbols. What do they mean? | | | | | | | | | | | |  |
| Split some acid? You should clean it up with a \_\_\_\_\_\_\_\_\_\_ cloth! | | | | | | | What is an indicator? | | | | |
|  |  |  | |  | | | | | | | | |  |
| Learning Outcomes 9-14 | Colours of litmus indicator | | | | | | | | | | | |  |
| Acids | | | | Neutral | | | | | Alkalis | | |
|  | | | |  | | | | |  | | |
| Universal indicator | | | | | | | | | | | |
| Strong Acid | | Weak Acid | | | | Neutral | | Weak Alkali | | | Strong Alkali |
|  | |  | | | |  | |  | | |  |
| What does the pH scale go from and to? | | | | | What happens the pH when you add an acid to an alkali? | | | | | | |  |
|  |  | | | |  |  | | | | | | |  |
| Learning Outcomes 15-19  (Learning outcome 20 not required) | What do you get if you mix Hydrochloric acid and Sodium Hydroxide? | | | | Can you read and extract information from tables? | | | | | | Do you remember your success criteria for drawing tables? | |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical Character** | Test your revision...Can you explain each of the key points below? | | | | | | Revised?   |
| Learning Outcomes 1-4  (the remainder of Chemical character is not required for your exam) | An element is a substance made up of \_\_\_\_\_\_ \_\_\_\_\_\_\_\_ of atom | | | | An atom is the \_\_\_\_\_\_\_\_ particle which can exist on its own | |  |
| What is carbon used for? | | | What is the symbol for Tin? | | Which element has the symbol Cl? |
| Four properties of metals are;   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Four properties of non-metals are;   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  |  |  | | | |  |

Remember to bring to your exam

* 2 Pens
* Pencil
* Rubber
* Ruler
* Calculator

Scientific Skills

Can you…

* Calculate Averages
* Read tables
* Draw Tables

