Pearson Edexcel GCE Chemistry

Groby Community College Year 12

Checklist - A level Chemistry Half Term 1

This checklist can be used as a way of ensuring your folder reaches the standard required for effective learning and revision. It covers the work studied in topics 1 and 2 before half term

| Task | Comments |
| --- | --- |
| Notes | How to write chemical formulae and balanced equations (Topic 5 Section 6)[Course Introduction Purple Booklet] |
| Worked Examples | Writing chemical formulae and balancing equations |
| Experimental Write Up | Different types of reactions |
| Notes | On Moles, Molar Mass and Avogadro’s Constant (Topic 5 Sections 1- 3) [Textbook Chapter 5] |
| Worked Examples | Use of amount (mol) = mass (g) / molar mass (g mol-1) and Avogadro’s constant to find number of particles |
| Notes | Calculating reacting amounts from mass, volumes of gas and volumes of solutions (Topic 5 Sections 7 - 10) [Textbook Chapter 5] |
| Worked Examples | Use of amount (mol) = mass (g) / molar mass (g mol-1)amount (mol) = volume of gas (dm3) / molar gas volume (dm3mol-1) concentration (mol dm-3) = amount (mol) / volume of solution (dm3) |
| Experimental Write Up | Preparing a standard solution of potassium hydrogenphthalate |
| Experimental Write Up | Finding the concentration of sodium hydroxide using a standard solution of potassium hydrogenphthalate |
| Assessment 1 | Equations and Reacting Masses |
| Practice Questions | Concentration questions from Nuffield Book |
| Worked Examples | Calculations from titrations |
| Assessment 2 | Amounts of substance |