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| **Year 9 Chemistry** Name: |
| **Sept - Oct** | * Chemical reactions
* Exothermic and endothermic reactions
* Profile diagrams (with and without a catalyst)
* Reaction of metals (with oxygen / water / acid)
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| **Nov - Dec** | * Reaction of metals (acids / displacement reactions)
* Reactivity series
* Metal oxides – neutralisation
* Metal carbonates – thermal decomposition
* Useful chemical reactions
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| **Jan - Feb** | * Combustion
* Making ethanol
* Problems with plastics
* Materials
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| **Feb - March** | * States of matter (solid / liquid / gas)
* Cooling curves
* Mixtures melting points and heating curves
* Filtering and crystallisation
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| **April - May** | * Chromatography
* Interpreting chromatograms
* Distillation
* Potable water (drinking water)
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| **June – July** | * Atomic structure
* Atomic number / mass number
* Elements and the periodic table
* Electron arrangements
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| Test 1 (January 2022) – term one topics (Sept – Dec) |
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