**7F Acids and Alkalis**

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

| Topic | At the end of the unit: |  |  |
| --- | --- | --- | --- |
| 7Fa |
|  | Recall examples of acids and alkalis.  | UK, iLS, CEE | \* \* \* \* \* |
|  | Explain why some chemicals have hazard symbols. | UK, iLS, CEE | \* \* \* \* \* |
|  | Recognise common hazards and hazard symbols. | UK, iLS, CEE | \* \* \* \* \* |
| 7Fa Working Scientifically |
|  | Describe how to reduce risks from certain hazards (e.g. acids). | UK, iLS, CEE | \* \* \* \* \* |
|  | Explain the safety precautions that need to be taken when carrying out an investigation. | UK, iLS, CEE | \* \* \* \* \* |
| 7Fb |
|  | Describe how indicators can be used to identify acids and alkalis. | UK, iLS, CEE | \* \* \* \* \* |
|  | Identify acids, alkalis and neutral solutions using red and blue litmus.  | UK, iLS, CEE | \* \* \* \* \* |
|  | Identify acids, alkalis and neutral solutions using phenolphthalein and methyl orange.  | UK, iLS, CEE | \* \* \* \* \* |
| 7Fc |
|  | Identify acids, alkalis and neutral solutions using universal indicator. | UK, iLS, CEE | \* \* \* \* \* |
|  | Describe the pH scale. | UK, iLS, CEE | \* \* \* \* \* |
|  | Describe how to measure the pH of a solution. | UK, iLS, CEE | \* \* \* \* \* |
| 7Fd |
|  | Recall the name of the reaction that occurs between acids and alkalis. | UK, iLS, CEE | \* \* \* \* \* |
|  | Identify the reactants and products in a word equation. | UK, iLS, CEE | \* \* \* \* \* |
|  | Write a word equation for a reaction. | UK, iLS, CEE | \* \* \* \* \* |
|  | Recall the names of the salts produced by hydrochloric, sulfuric and nitric acids. | UK, iLS, CEE | \* \* \* \* \* |
| 7Fe |
|  | Recall the meaning of the term base. | UK, iLS, CEE | \* \* \* \* \* |
|  | Recall and explain some uses of neutralisation in daily life. | UK, iLS, CEE | \* \* \* \* \* |