Science 1.8 AS 90947 Investigate selected chemical reactions
Displacement Reactions – Writing Word and Symbol Equations

Success Criteria: complete each level before moving onto the next

- Basic: write **word equations** for the following displacement reactions
- Proficient: write **symbol equations** for the following displacement reactions
- Advanced: balance the **symbol equations** for the following displacement reactions

1. **calcium metal** and **copper nitrate solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________

2. **magnesium metal** and **lead nitrate solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________

3. **zinc metal** and **iron (II) nitrate solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________

4. **magnesium metal** and **silver nitrate solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________

5. **calcium metal** and **zinc chloride solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________

6. **iron metal** and **copper sulfate solution** are mixed together.
   Word equation ________________________________________________________________
   Symbol equation ______________________________________________________________