# A453 – Task 3 ISBN – What you need to do

1. **Understand the problem / task set**
2. **Design a solution** – write down the steps in English
3. **Define the logic of the solution with algorithm**
   1. Flow chart
   2. Pseudo code
4. **Check that your algorithm solution will** **work**
   1. Draw up a Test plan
5. **Code your solution**
   1. Test each section of your code as you proceed
   2. Make evidence of testing (screen shots & commentary) for each section.
   3. Use meaningful variable names, well organised program structures & suitable formatting
   4. Higher marks for efficient coding and appropriate use of a range of techniques
6. **Test your solution with test data**
   1. Against the requirements and identified success criteria from design stage
   2. Get feedback and suggestions from other pupils.
7. **Evaluate your solution using yours and others evidence from testing and make a conclusion**
8. **The quality & presentation of your report and communication is very important**