

Scale Drawings

Technical Graphics

Statement Code 12

Student:

Class:

At Junior Certificate Level the student can:

Use the full range of drawing instruments to produce scale drawings

Date Commenced: /

Date Awarded: /

Learning targets—This has been demonstrated by your ability to:

- | | |
|---|--|
| 1. Bisect a line using a compass | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Draw parallel lines using set squares and a T square | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3. Draw parallel lines using 2 set squares | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4. Divide a line into 3 equal parts | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5. Estimate and measure in meters | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6. Draw a plan of a room outline and insert dimensions in meters (in sketch form only) | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7. Understand scale drawings and identify symbols on simple house plans | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8. Draw a simple scale in meters and use it to draw a plan of familiar rooms or buildings | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9. Enlarge drawings using grid method | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10. Enlarge a basic shape by projection | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Work begun ☐ ☐ ☐ | Work in progress ☐ ☐ ☐ | Work completed ☐ ☐ ☐