

Knowledge and Application of Geometry

Maths

Statement Code no: 9

Student:

Class:

At Junior Certificate level the student can:

Apply the knowledge and skills necessary to perform specified geometrical operations

Date Commenced: / /

Date Awarded: / /

Learning Targets - This has been demonstrated by your ability to:

- | | | |
|----|---|--|
| 1 | Measure angles using a protractor | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 | Recognise and identify all the common geometrical instruments | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 | Identify and recognise the various types of angles | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 | Construct angles of different sizes | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 | Understand knowledge that the angle in a straight line is 180 degrees | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 | Understand and apply the knowledge that opposite angles are equal | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 | Use set squares to construct rectangles | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 | Use geometrical instruments to construct triangles | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 | Understand and apply the knowledge that three angles of a triangle add up to 180 degrees | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 | Understand and apply the knowledge that the area of a triangle is equal to half the base x perpendicular height | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

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

Eolas ar Chéimseata agus ar Conas í a chur i bhFeidhm

Matamaitic

Cód Ráitis uimhir: 9

Dalta:

Rang:

Ag leibhéal an Teastais Shóisearaigh beidh dalta ábalta:

Úsáid a bhaint as an eolas agus as na scileanna is gá chun oibríochtaí ar leith na céimseata a dhéanamh

Dáta Tosaithe:

Dáta Bronnta:

Spriocanna Foghlama atá le baint amach agat:

- 1 Tomhais uillinneacha ag baint úsáide as uillinntomhas
- 2 Aithin agus ainmnigh gach gnáthuirilis chéimseatúil
- 3 Aithin agus ainmnigh na cineálacha éagsúla uillinneacha
- 4 Tarraing uillinneacha ar thoisi éagsúla
- 5 Tuig gurb ionann an uillinn i líne dhíreach agus 180 céim
- 6 Tuig go bhfuil uillinneacha urchomhaireacha ar cóimhéid agus cuir an t-eolas sin i bhfeidhm
- 7 Úsáid dronbhacairt (set squares) chun dronuilleoga a tharraingt
- 8 Úsáid uirlisí céimseatúla chun triantáin a tharraingt
- 9 Tuig gurb ionann na trí uillinn i dtriantán agus 180 céim agus cuir an t-eolas i bhfeidhm
- 10 Tuig gurb ionann achar triantáin agus leath an bhoinn x airde ingearach agus cuir an t-eolas sin i bhfeidhm

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Obair Tosaithe ☒☐☐

Obair idir Lámha ☒☒☐

Obair Críochnaithe ☒☒☒