- to solve for angles and sides in right $\left(90^{\circ}\right)$ triangles
- to solve for angles and sides in non-right (not $90^{\circ}$ ) triangles
- to solve several types of trigonometric applications

| Knowledge \& Skills | I have reviewed it | I have done questions | I think <br> I've got this |
| :---: | :---: | :---: | :---: |
| Trigonometry of Right Angled ( $90^{\circ}$ ) Triangles |  |  |  |
| Finding sides using "soh cah toa" |  |  |  |
| Finding angles using "soh cah toa" |  |  |  |
| Applications involving double triangles (2 types of questions) |  |  |  |
| The Cosine Law $\quad h^{2}=a^{2}+b^{2}-2 a b \cos H$ |  |  |  |
|  |  |  |  |
| Finding sides. |  |  |  |
| Finding angles. |  |  |  |
| The Sine Law $\quad \frac{\sin A}{a}=\frac{\sin B}{b}$ |  |  |  |
| Finding sides. |  |  |  |
| Finding angles. |  |  |  |
|  |  |  |  |
| Trig Applications |  |  |  |
|  |  |  |  |
| Trig Applications Involving Right ( $90^{\circ}$ ) Triangles |  |  |  |
| Trig Applications Involving Sine Law |  |  |  |
| Trig Applications Involving Cosine Law |  |  |  |
|  |  |  |  |
| "height of the cloud" question |  |  |  |
| "height of the mountain" question |  |  |  |
| "holes on a circular plate" question |  |  |  |
| 3D problems - triangle on the ground to triangle in the vertical |  |  |  |

