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| **Subject**  | **Year 10 Threshold Concepts – Summer Term**  | **How to support students’ learning**  |
| Mathematics  | **Functions** * Use function machines
* Find inverse functions as revers operations
* Find inverse and composite functions algebraically (Higher tier only)

**Angles and Circle Theorems** * Use angles facts and rules
* Use properties of polygons
* Use construction techniques
* Prove congruence in triangles
* Geometric Proof (Higher tier only)

**Speed/Distance/Time and real-life graphs** * Convert units of measure including compound
* Draw and interpret real-life graphs
* Draw and interpret velocity-time graphs (Higher tier only)

**Financial Capabilities** * Tax
* Budgeting; income and expenditure
* Money Management
 | * Encourage your child to refer to their notes and to practise working with functions

• Encourage your child to use the correct equipment when working with lines and graphs (a pencil and ruler) * Encourage your child to think about planning trips and journeys to see these in real-life.
* Use [www.sparx.com](https://sparxmaths.com/)for support if needed. Teachers will have provided your child with a login and password.
* Discuss with your child the financial responsibilities of running a household
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