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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 |