YEAR 10 TOPIC 6

MEASUREMENT, CHANCE & DATA – Probability♣

|  |
| --- |
| LEARNING OUTCOMES & ASSESSMENT SHEET |

|  |
| --- |
| **LEARNING OUTCOMES**  **At the end of this module I will be able to:**  1. Calculate simple probabilities  2. Represent sample spaces using a Venn diagram  3. Use tree diagrams, lattice diagrams and other graphical representations.  4. Calculate probability involving attribute tables  5. Calculate probability using tree diagrams where unequal outcomes are involved. |

|  |
| --- |
| **WORK PROGRAM**  1. “Two Dice Sheet”  2. Basic Probability - Handout  3. Venn Diagrams - Handout  4. “Dice Differences” (Maths 300)  5. Lattice diagrams, Two way tables and Tree diagrams - Handout  6.“Same or Different” (Maths 300)  7. Attribute tables - Handout  8. “Take a Chance” (Maths 300)  9. Tree diagrams with unequal outcomes - Handout Test\*\*\* |

|  |
| --- |
| PROBLEM SOLVING/ITEM RESPONSE **1.**  Problem solving Semester 2 Sheet 1\*\*\* |

|  |
| --- |
| HOMEWORKMaths Mate\*\*\* (One Sheet must be completed each week. You should allow at least 3 days for this.) |