|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Mathematics** | | | | | | |
| **Year:10 Foundation** | | | | | | |
| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Themes/  Content/  A can of a product  Description automatically generated with medium confidenceUnits covered | Number and the number system  A purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generated  A drawing of a book  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedProportional reasoning  Fractions, decimals, and percentages  A purple and green masks with a sad face  Description automatically generated | Fractions, decimals, and percentage (continued)  A purple and green masks with a sad face  Description automatically generated  Solving equations  A purple and green masks with a sad face  Description automatically generated  Analysing statistics  A drawing of a book  Description automatically generatedA pink brain with red veins  Description automatically generated | A purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedA drawing of a book  Description automatically generatedNumber problem solving  Calculating  A purple and green masks with a sad face  Description automatically generated  A drawing of a book  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedInvestigating shapes | A purple and green masks with a sad face  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedAlgebraic proficiency – graphs  Algebraic proficiency – expand and factorise.  A purple and green masks with a sad face  Description automatically generated  Mathematical movement | Understanding risk  A purple and green masks with a sad face  Description automatically generated  Angle facts  A pink brain with red veins  Description automatically generated  Algebraic proficiency – substitution  A purple and green masks with a sad face  Description automatically generated | Exploring fractions, decimals, and percentages  A purple and green masks with a sad face  Description automatically generated  A purple and green masks with a sad face  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedWork experience  VectorsA pink brain with red veins  Description automatically generated  A cartoon rocket ship with red and blue stripes  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedEnd of year assessment  A rainbow colored heart with arrows  Description automatically generatedA pink brain with red veins  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedGap filling/reteach. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Mathematics** | | | | | | |
| **Year: 10 Common** | | | | | | |
| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Themes/  Content/  A can of a product  Description automatically generated with medium confidenceUnits covered | Types of number  A purple and green masks with a sad face  Description automatically generated  Directed number.  A purple and green masks with a sad face  Description automatically generated  Basic algebra  A purple and green masks with a sad face  Description automatically generated  Solving equations  A purple and green masks with a sad face  Description automatically generated  Forming and solving equations  A purple and green masks with a sad face  Description automatically generated  A purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generatedA drawing of a book  Description automatically generatedRatio  Index Laws  A purple and green masks with a sad face  Description automatically generated | Expand and factorise – linear.  A purple and green masks with a sad face  Description automatically generated  Calculating with fractions  A drawing of a book  Description automatically generatedA pink brain with red veins  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedQuadrilaterals and circles  Simultaneous equations  A purple and green masks with a sad face  Description automatically generated  Sequences  A purple and green masks with a sad face  Description automatically generated | Inequalities  A pink brain with red veins  Description automatically generated  A purple and green masks with a sad face  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generated Graphs (including y=mx + c)  Angles  A purple and green masks with a sad face  Description automatically generated  A pink brain with red veins  Description automatically generatedSimilarity  A purple and green masks with a sad face  Description automatically generated  Constructions | Pythagoras  A purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generated  Trigonometry  A pink brain with red veins  Description automatically generatedA purple and green masks with a sad face  Description automatically generated  Transformations  A purple and green masks with a sad face  Description automatically generated  A pink brain with red veins  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedAverages  Volume and surface area  A purple and green masks with a sad face  Description automatically generated  Percentages  A purple and green masks with a sad face  Description automatically generated | Probability  A purple and green masks with a sad face  Description automatically generated  Upper and lower bounds  A pink brain with red veins  Description automatically generated  Standard form  A pink brain with red veins  Description automatically generated  A drawing of a book  Description automatically generatedCorrelation  A drawing of a book  Description automatically generatedPresenting data | Compound Interest  A pink brain with red veins  Description automatically generated  Substitution into formulae  A purple and green masks with a sad face  Description automatically generated  A cartoon rocket ship with red and blue stripes  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedWork experience  A purple and green masks with a sad face  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedEnd of year assessment  A cartoon rocket ship with red and blue stripes  Description automatically generatedA pink brain with red veins  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedGap filling/reteach. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Mathematics** | | | | | | |
| **Year: 10 Higher** | | | | | | |
| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Themes/  Content/  A can of a product  Description automatically generated with medium confidenceUnits covered | Investigating properties of shapes  A purple and green masks with a sad face  Description automatically generated  Calculating  A purple and green masks with a sad face  Description automatically generated  Solving equations and inequalities - part 1  A purple and green masks with a sad face  Description automatically generated | Mathematical movement    Algebraic proficiency – tinkering  A purple and green masks with a sad face  Description automatically generated | A rainbow colored heart with arrows  Description automatically generatedA drawing of a book  Description automatically generatedProportional reasoning  Pattern sniffing  A purple and green masks with a sad face  Description automatically generated  Solving equations and inequalities - part 2  A purple and green masks with a sad face  Description automatically generated | Calculating space  A purple and green masks with a sad face  Description automatically generated  Conjecturing  A pink brain with red veins  Description automatically generated  Solving equations and inequalities - part 3  A purple and green masks with a sad face  Description automatically generated | Exploring fractions, decimals, and percentages  A purple and green masks with a sad face  Description automatically generated  A cartoon rocket ship with red and blue stripes  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedAlgebraic proficiency –visualising | Understanding risk  A purple and green masks with a sad face  Description automatically generated  A drawing of a book  Description automatically generatedA pink brain with red veins  Description automatically generatedAnalysing statistics  A cartoon rocket ship with red and blue stripes  Description automatically generatedA rainbow colored heart with arrows  Description automatically generatedA purple and green masks with a sad face  Description automatically generatedWork experience  End of year  A purple and green masks with a sad face  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedassessment  A rainbow colored heart with arrows  Description automatically generatedA pink brain with red veins  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedGap filling/reteach. |