|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SUBJECT AREA | Technical | Art | Business | Drama | ICT | English | Geography | History | HSC | Learning Support | Modern Foreign Languages | Music | PE | RME | Science |
| Using Knowledge and Understanding of the number system, patterns and relationships | | | | | | | | | | | | | | | |
| Estimation and Rounding | | | | | | | | | | | | | | | |
| Rounds decimal fractions to three decimal places. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Uses rounding to routinely estimate the answers to calculations. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Applies knowledge of rounding to give an estimate to a calculation appropriate to the context. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number and Number Processes | | | | | | | | | | | | | | | |
| Recalls quickly multiplication and division facts to the 10th multiplication table. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Uses multiplication and division facts to the 12th multiplication table. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Solves addition and subtraction problems working with whole numbers and decimal fractions to three decimal places. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUBJECT AREA | **Technical** | **Art** | **Business** | **Drama** | **ICT** | **English** | **Geography** | **History** | **HSC** | **Learning Support** | **Modern Foreign Languages** | **Music** | **PE** | **RME** | **Science** |
| Solves multiplication and division problems working with whole numbers and decimal fractions to three decimal places. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Solves multiplication and division problems working with integers. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fractions, decimal fractions and percentages | | | | | | | | | | | | | | | |
| Converts fractions, decimal fractions or percentages into equivalent fractions, decimal fractions or percentages. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Uses knowledge of fractions, decimal fractions and percentages to carry out calculations with and without a calculator. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Solves problems in which related quantities are increased or decreased proportionally. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Expresses quantities as a ratio and where appropriate simplifies. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUBJECT AREA | **Technical** | **Art** | **Business** | **Drama** | **ICT** | **English** | **Geography** | **History** | **HSC** | **Learning Support** | **Modern Foreign Languages** | **Music** | **PE** | **RME** | **Science** |
| Money | | | | | | | | | | | | | | | |
| Demonstrates understanding of best value in relation to contracts and services when comparing products. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chooses the best value for their personal situation and justifies choices. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Budgets effectively, using digital technology where appropriate, showing development of financial capability. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demonstrates knowledge of financial terms, for example, debit/credit, APR, pa, direct debit/standing order and interest rate. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Converts between different currencies. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Using Knowledge and Understanding of Measurement and its Application | | | | | | | | | | | | | | | |
| Time | | | | | | | | | | | | | | | |
| Applies knowledge of the relationship between speed, distance and time to find each of the three variables. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calculates time durations across hours and days |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUBJECT AREA | **Technical** | **Art** | **Business** | **Drama** | **ICT** | **English** | **Geography** | **History** | **HSC** | **Learning Support** | **Modern Foreign Languages** | **Music** | **PE** | **RME** | **Science** |
| Measurement | | | | | | | | | | | | | | | |
| Chooses appropriate units for length, area and volume when solving practical problems. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Converts between standard units to three decimal places and applies this when solving calculations of length, capacity, volume and area. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Researching and evaluating data to assess risks and make informed choices | | | | | | | | | | | | | | | |
| Data and Analysis and Ideas of Chance and Uncertainty | | | | | | | | | | | | | | | |
| Sources information or collects data making use of digital technology where appropriate. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interprets data sourced or given. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Describes trends in data using appropriate language, for example, increasing trend. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Determines if information is robust, vague or misleading by considering, for example, the validity of the source, scale used, sample size, method of presentation and appropriateness of how the sample was selected. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SUBJECT AREA | **Technical** | **Art** | **Business** | **Drama** | **ICT** | **English** | **Geography** | **History** | **HSC** | **Learning Support** | **Modern Foreign Languages** | **Music** | **PE** | **RME** | **Science** |
| Demonstrates understanding of the relationship between the frequency of an event happening and the probability of it happening. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Uses a given probability to calculate an expected outcome, for example, ‘the probability of rain in June is 0·25 so how many days do we expect it to rain?’ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calculates the probability of a simple event happening, for example, ‘what is the probability of throwing a prime number on a 12 sided die?’ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Identifies all of the mutually exclusive outcomes of a single event and calculates the probability of each. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Investigates real-life situations which involve making decisions on the likelihood of events occurring and the consequences involved. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |