

All topics are bespoke, built around the students' interests and linked to first hand experiences researched and planned by the students.

SKY Learning Journey Functional Skills



Revise and Assess

Calculate mean, median and mode and express probabilities as fractions, decimals and percentages

Calculate perimeter, area and volume of shapes and interpret and create scale drawings

Convert between metric and imperial and calculate using compound measures

Calculate different rates of interest and understand budgeting

Understand, order and solve problems involving fractions, decimals, percentages and ratios

$$2x + 4$$

Evaluate expressions and make substitutions in given formulae in words and symbols

Building Confidence for a positive future

Reading – as below + implicit and inferred meaning
SLC – Questions, presentations and discussions
Writing – as below + formal and informal writing



Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation

Writing – Spelling, punctuation and structure in: letters, emails, reviews, articles and reports

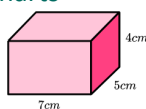
F-Skills
Level
2

Read, write, order and compare positive and negative numbers of any size

Achieve – Revision Skills

Draw 2D shapes, identify symmetry and measure and estimate angles. Use angles to describe position and direction

Represent data in tables, diagrams and charts



Calculate area, perimeter and volume

Convert between units of length and use scales on maps

Find the mean and assess probability expressing answers as fractions



Calculate interest and discounts in multiples of 5%

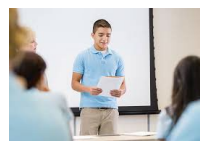
Work with simple ratio and direct proportions



Aspire – Planning WEX placements



Speaking, listening and communication – Listening closely, giving and responding to a talk and engaging in discussions



Recognise equivalences between common fractions, percentages and decimals

Reading – identifying facts, opinions, purpose, key ideas, punctuation and meaning. Comparing texts. Considering textual and structural features

Percentages: read, write, order, compare and calculate percentages of amounts

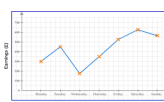
Belong – Our Community

Place value, numbers to 1 million, +ive and -ive numbers

Formulae, square numbers, BIDMAS

| | |
|---|----------------|
| B | Brackets |
| I | Indices |
| D | Division |
| M | Multiplication |
| A | Addition |
| S | Subtraction |

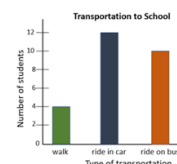
Fractions: read, write, order, compare and calculate fractions of amounts



Organise and represent information in appropriate ways, including tables, diagrams, simple line graphs and bar charts

Extract and interpret information, to make comparisons and record changes, from different formats, including bar charts and simple line graphs

Decimals: read, write, order, compare and calculate using decimals



F – Skills
Level
1

Revise and Assess

Achieve – Eggar's Learner

Revise and Assess



Writing – Compound sentences, paragraphing, spelling, subject verb agreement



Describe position and direction, including eight compass points and full/half/quarter turns

Speaking, listening and communication – making requests, answering questions, sharing opinions, group discussions



Aspire – Future Goals

Calculate with money using decimal notation and express money correctly in writing in pounds and pence

Read time from analogue and 24 hour digital clocks

$$\frac{1}{2} = \frac{2}{4}$$



Use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division



Use 1/3, 1/4, 1/5 and 1.10 and decimals up to 2 dp.

Approximate by rounding and use answers to check results. Continue sequences up to 100.

Understand numbers up to 1,000. + - / 3 digit numbers X 2 digit numbers

Sort 2-D and 3-D shapes using properties, including lines of symmetry, length, right angles, angles, including in rectangles and triangles



Belong – Team Building

Reading – comprehension, organisational features, purpose, narratives, instructions, descriptions and explanations

F-Skills
Entry
Level 3

Maths

English

