



ELMs

YEAR LEVEL 5

NAME Audrey Campbell

SCHOOL Acer Avenues school

TEST DETAILS

LEARNING AREA ELMs Mathematics
 TEST FORM Test 5
 DATE 07/12/15

YOUR RESULTS

RAW SCORE / MAX SCORE 19/34
 SCALE SCORE 312

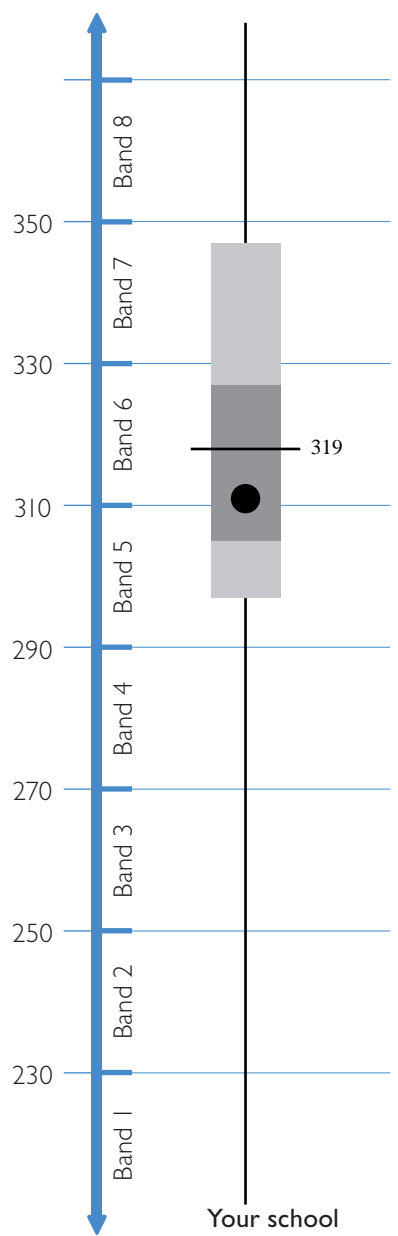
COMPARE YOUR RESULTS

YOUR PERCENTILE RANK
 - IN SCHOOL YEAR LEVEL 40.0
 SCALE SCORE AVERAGE
 - FOR SCHOOL YEAR LEVEL 319

YOUR RESULTS BY STRAND

STRAND	RAW SCORE / MAX SCORE	PERCENT CORRECT	PERCENT CORRECT IN YEAR LEVEL SCHOOL GROUP
Number and Algebra	12/19	63.2	58.2
Measurement and Geometry	5/10	50.0	64.5
Statistics and Probability	2/5	40.0	62.7

RESULT ON ACHIEVEMENT SCALE



LEGEND

The shaded band shows the middle 80% of pupils with the middle 50% highlighted in a darker shade. The shaded band is not shown for groups of fewer than 15 pupils.

● Your scale score
 — Average scale score

ELMs MATHEMATICS – ACHIEVEMENT BANDS

Band	Described Achievement
8	Scale score of 350 or more Perform complex algebraic manipulations. Interpret distance–time graphs. Solve linear equations. Solve multi-step problems requiring application of percentage or comparison of proportions. Express a word problem as an algebraic equation. Select a shape that is enlarged by a scale factor. Apply Pythagoras' Theorem. Use knowledge of circle geometry. Use trigonometry. Find the volume of a triangular prism. Recognise the effect of transformations on a given shape. Solve problems requiring the conversion of metric units. Interpret and draw valid conclusions from data in a wide range of formats. Interpret a 3-category Venn diagram.
7	Scale score of 330 to < 350 Perform calculations with fractions, decimals, percentages, ratios, squares and square roots. Solve multi-step problems. Solve a linear equation. Use rules to describe a table of values. Use angle properties to calculate angle size in 2-D shapes. Recognise the effect of rotation on 2-D figures. Visualise hidden faces of a 3-D model. Calculate the area of simple compound shapes. Find dimensions from an object's capacity/volume. Calculate the number of possible outcomes that have a given chance of success. Interpret data presented in different ways. Calculate the mean of a set of values.
6	Scale score of 310 to < 330 Compare, order and calculate with whole numbers, fractions and decimals. Solve word problems involving proportional reasoning. Solve simple linear equations. Compare and calculate with simple rates. Solve word problems involving time. Estimate capacity of a familiar object. Compare areas of compound shapes. Identify different views, cross-sections and nets of 3-D objects. Interpret data from a wide range of graphs. Understand that the outcome of an event such as tossing a coin or rolling dice does not depend on previous outcomes.
5	Scale score of 290 to < 310 Compare and order multi-digit whole numbers on a number line. Calculate a half and a quarter of quantities. Apply simple percentages. Add decimals in context. Identify a rule for a set of numbers. Calculate and interpret simple proportions. Recognise rotations of 2-D shapes. Read time to the nearest minute. Convert 12-hour time to 24-hour time. Calculate area. Identify angles. Match a 3-D object to its net. Match charts to a graph. List all possible outcomes from a familiar event. Recognise the most likely result for a given event.
4	Scale score of 270 to < 290 Recognise decimal numbers to one decimal place. Use fraction notation. Add 2-digit and 3-digit numbers. Solve simple problems using all four arithmetic operations. Continue a counting pattern. Use the four compass points. Select an appropriate unit for measuring mass or length. Identify simple areas and volumes. Read time on a clock face to the half or quarter hour. Solve problems that involve calculation of a time difference. Interpret information presented in simple graphs, tally charts and tables. Describe qualitatively the likelihood of an event.
3	Scale score of 250 to < 270 Order numbers up to 100. Recognise half of a given quantity. Use coins to make up an amount of money. Match number sentences to a simple story. Recognise standard 2-D shapes and 3-D objects. Recognise a line of symmetry on a simple 2-D shape. Read time on a digital clock. Calculate the duration of familiar situations. Read simple pictographs, column graphs or tally charts. Recognise the most frequent result in a list of data.
2	Scale score of 230 to < 250 Understand numbers up to 100. Use ordinal numbers. Use addition and subtraction operations and number sentences. Compare lengths and heights. Read time on a digital clock. Identify time to the half hour on a clock face. Recognise and name triangles, squares and rectangles and select a shape with straight or curved sides. Compare capacities of different objects. Read simple bar graphs. Match different amounts to the bars on a graph.
1	Scale score of less than 230 Recognise 2-digit numbers written in words. Solve 1-digit addition problems. Arrange pictures into a correct time sequence.

A pupil at the top of a band is likely to have demonstrated most of the skills in that band and almost all of the skills in the bands below. A pupil in the middle of the band is likely to have demonstrated about half of the skills in that band and almost all of the skills in the bands below.

UNDERSTANDING THE PUPIL REPORT

Raw Score. Number of correct responses for the test.

Scale Score. Raw scores are converted to scale scores and shown on the ELMs scale for the learning area. Scale scores allow you to track your performance from one year to the next.

Percentile Rank. The percentile rank shows your standing relative to the other pupils who took the test. For example, a percentile rank of 65.3 means this score is equal to or better than the scores of 65.3% of pupils who took the test.

Achievement Bands. Skills and understandings demonstrated are described in each achievement band for the learning area. See described achievement table above. Pupils normally move up the band levels as they move through their years at school.

Strand. A skill area within the learning area assessed by this test.

School Group. This shows your score or rank compared to all pupils in the group tested at your school. Note that percentile rank and average score are not reported when the group tested has fewer than 15 pupils.