| Mathematics Curriculum Level 1 (usually New Entrant students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read numbers to 5 first and then to 10 | Count a set of objects$\frac{-\infty}{1} \frac{1}{2}=\frac{\infty}{4}$ |
| Count forwards to 5 first and then to 10 |  |
| Count backwards from 5 first and then from 10 |  |
| Say the number after a number (in the range 1-5) | Get a set of objects: like 7 |
| Say the number before a number (in the range 1-5) |  |
| Order numbers to 5 first and then to 10 |  |
| Geometry and measurement Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature, and time by direct comparison and/or counting whole numbers of units. <br> Shape <br> - Sort objects by their appearance. <br> Position and orientation <br> - Give and follow instructions for movement that involve distances, directions, and half or quarter turns. <br> - Describe their position relative to a person or object. <br> Transformation <br> - Communicate and record the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting and counting, and displaying <br> category data <br> - discussing the results. <br> Statistical literacy <br> - Interpret statements made by others from statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance, acknowledging and anticipating possible outcomes. |


| Mathematics Curriculum Level 1 (usually Year 1 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read any number up to 10 | Join Groups of objects togeather |
| Count forwards from any number up to 10 |  |
| Count backwards from 10 |  |
| Say the number after a number (in the range 1-10) |  |
| Say the number before a number (in the range 1-10) | Split a number of objects |
| Order numbers to 10 |  |
| Instantly recognise patterns to 5 |  |
| Geometry and measurement Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature, and time by direct comparison and/or counting whole numbers of units. <br> Shape <br> - Sort objects by their appearance. <br> Position and orientation <br> - Give and follow instructions for movement that involve distances, directions, and half or quarter turns. <br> - Describe their position relative to a person or object. <br> Transformation <br> - Communicate and record the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting and counting, and displaying <br> category data <br> - discussing the results. <br> Statistical literacy <br> - Interpret statements made by others from statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance, acknowledging and anticipating possible outcomes. |


| Mathematics Curriculum Level 1 (usually Year 1 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read any number up to 20 | Solve + and - problems to $\mathbf{1 0}$ by$\frac{-1}{3}+\frac{1-1}{2}$ |
| Count forwards from any number up to 20 |  |
| Count backwards from any number up to 20 |  |
| Say the number after a number in the range 1- $20$ |  |
| Say the number before a number in the range 1- $20$ |  |
| Order numbers to 20 |  |
| Skip count forwards \& backwards in 2's, 5's \& 10's |  |
| Know groupings within 10 |  |
| Instantly recognise patterns to 10 - doubles and 5 based |  |
| Know doubles to 10 |  |
| Read symbols for halves and quarters |  |
| Geometry and measurement Level <br> 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature, and time by direct comparison and/or counting whole numbers of units. <br> Shape <br> - Sort objects by their appearance. <br> Position and orientation <br> - Give and follow instructions for movement that involve distances, directions, and half or quarter turns. <br> - Describe their position relative to a person or object. <br> Transformation <br> - Communicate and record the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting and counting, and displaying <br> category data <br> - discussing the results. <br> Statistical literacy <br> - Interpret statements made by others from statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance, acknowledging and anticipating possible outcomes. |


| Mathematics Curriculum Level 1 (usually Year 2 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read any number up to 20 | Solve + and - problems to $\mathbf{1 0}$ by |
| Count forwards from any number up to 20 | $4+3=-\quad 1,2,3,4,5,6,7$ |
| Count backwards from any number up to 20 |  |
| Say the number after a number in the range 1-20 | Fractions |
| Say the number before a number in the range 1- $20$ | Find $1 / 2$ and $1 / 4$ of shapes or sets to 20 by equal sharing of the objects |
| Order numbers to 20 |  <br> 00 <br> 00 <br> 00 |
| Skip count forwards \& backwards in 2's, 5's \& 10's |  |
| Know groupings within 10 |  |
| Instantly recognise patterns to 10 - doubles and 5 based |  |
| Know doubles to 10 |  |
| Read symbols for halves and quarters |  |
| Geometry and measurement Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature, and time by direct comparison and/or counting whole numbers of units. <br> Shape <br> - Sort objects by their appearance. <br> Position and orientation <br> - Give and follow instructions for movement that involve distances, directions, and half or quarter turns. <br> - Describe their position relative to a person or object. <br> Transformation <br> - Communicate and record the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting and counting, and displaying <br> category data <br> - discussing the results. <br> Statistical literacy <br> - Interpret statements made by others from statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance, acknowledging and anticipating possible outcomes. |


| Mathematics Curriculum Level 1 (usually Year 2 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read any number up to 100 | Solve + and - problems by: <br> - Counting on or back from the largest number e.g. $16+3$ as ... 17,18 , 19 |
| Count forwards from any number up to 100 |  |
| Count forwards from any number up to 100 | solve x problems by <br> - skip counting in <br> - Twos $2+2+2+2=4 \times 2$ <br> - Fives $5+5+5+5+5=5 \times 5$ <br> - Tens $10+10=2 \times 10$ |
| Say the number after and before a number 1-100 |  |
| Order numbers to 100 |  |
| Count forwards \& backwards in 2's, $5^{\prime}$ s, \& 10 's to 100 | Find a $1 / 2$ and $1 / 4$ of a set of sets and shapes by equal sharing <br> - $1 / 4$ of 12 |
| Know number of 10's in decades |  |
| Know groupings within 20 |  |
| Know teen number facts |  |
| Know multiples of 10 that add to 100 |  |
| Know doubles and halves to 20 |  |
| Know + facts to 10 |  |
| Read unit fractions |  |
| Geometry and measurement Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 1 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Order and compare objects or events by length, area, volume and capacity, weight (mass), turn (angle), temperature, and time by direct comparison and/or counting whole numbers of units. <br> Shape <br> - Sort objects by their appearance. <br> Position and orientation <br> - Give and follow instructions for movement that involve distances, directions, and half or quarter turns. <br> - Describe their position relative to a person or object. <br> Transformation <br> - Communicate and record the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting and counting, and displaying category <br> data <br> - discussing the results. <br> Statistical literacy <br> - Interpret statements made by others from statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance, acknowledging and anticipating possible outcomes. |


| Mathematics Curriculum Level 2 (usually Year 3/4 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Read any number up to 1000 | Solve + and - problems in my head by: <br> - Using doubles, for example, $8+7 \text { as } 8+8-1$ <br> - Using fives, for example, $8+7 \text { as } 5+3+5$ <br> - Using making tens, for example, $\begin{aligned} & 8+7 \text { as } 10+5 \\ & 19+6 \text { as } 20+5 \\ & 29+8 \text { as } 30+7 \end{aligned}$ <br> - Using place value, for example, $33+16 \text { as } 30+10+3+6$ <br> Use repeated addition to solve $X$ problems by: <br> - Twos $2+2+2+2=4 \times 2$ <br> - Threes $3+3+3+3+3=5 \times 3$ <br> - Fours $4+4+4=3 \times 4$ <br> - Fives $5+5+5+5+5=5 \times 5$ <br> - Tens $10+10=2 \times 10$ |
| Count forwards \& backwards by 1's, 10 's \& 100's |  |
| Say the number 1 more, 10 more, 100 more |  |
| Say the number 1 less, 10 less, 100 less |  |
| Order numbers to 1000 |  |
| Skip count forwards \& backwards in 3's |  |
| Know unit fractions symbols |  |
| Order fractions with the same denominators |  |
| Know groupings of 10's in a 3 digit number |  |
| Know groupings to 100 | Find a fraction of a number by: <br> - Using repeated addition or subtraction, for example, <br> - $1 / 3$ of 12 as $4+4+4$ <br> Or $12-2-2-2=6$, <br> - $6-2-2-2=0$, <br> - $1 / 3$ of 12 is $2+2+2$ |
| Round 3 digit numbers to the nearest 10 or 100 |  |
| Know addition facts to 20 |  |
| Know multiples of 100 that add to 1,000 |  |
| Know x \& $\div$ facts for 2's, 5's, 10's |  |
| Geometry and measurement Level 2 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to | Statistics Level 2 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Create and use appropriate units and devices to measure length, area, volume and capacity, weight (mass), turn (angle), temperature, and time. <br> - Partition and/or combine like measures and communicate them, using numbers and units. <br> Shape <br> - Sort objects by their spatial features, with justification. <br> - Identify and describe the plane shapes found in objects. <br> Position and orientation <br> - Create and use simple maps to show position and direction. <br> - Describe different views and pathways from locations on a map. <br> Transformation <br> - Predict and communicate the results of translations, reflections, and rotations on plane shapes. | Statistical investigation <br> - Conduct investigations using the statistical enquiry cycle: <br> - posing and answering questions <br> - gathering, sorting, and displaying category and whole-number data <br> - communicating findings based on the data. <br> Statistical literacy <br> - Compare statements with the features of simple data displays from statistical investigations or probability activities undertaken by others. <br> Probability <br> - Investigate simple situations that involve elements of chance, recognising equal and different likelihoods and acknowledging uncertainty. |

## Mathematics Curriculum Level 3 (usually Year 5/6 students)

Knowledge learning intention:
Read and order any number up to 1,000,000
Read decimals to 3 d.p.
Read any fraction inc. >1
Order unit fraction
Say the number 1, 10, 100 and 1000 more or less

Count forwards and backwards in $1 / 2^{\prime} s$, $1 / 4^{\prime} s, 1 / 3^{\prime} s, 1 / 5^{\prime},{ }^{1} / 10^{\prime}$ s
Know groupings of 10 's and 100's in a 4 digit number
Know groupings within 1000
Know groups of 2's, 3's, 5's and 10's
in numbers to 100 and any remainders
Round whole numbers to the nearest 10, 100, 1000

Round decimals to the nearest whole number

Recall all basic multiplication fact
Recall addition \& subtraction facts to 20
Know what happens when you
multiply by 1,0 or 10

## Geometry and measurement Level 3

In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to:
Measurement

- Use linear scales and whole numbers of metric units for length, area, volume and capacity, weight (mass), angle, temperature, and time.
- Find areas of rectangles and volumes of cuboids by applying multiplication.
Shape
- Classify plane shapes and prisms by their spatial features.
- Represent objects with drawings and models.

Position and orientation

- Use a co-ordinate system or the language of direction and distance to specify locations and describe paths.
Transformation
- Describe the transformations (reflection, rotation, translation, or enlargement) that have mapped one object onto another.


## Strategy learning intention:

## Solve + and - problems by:

- Using compensation from tidy numbers
$725-389$ as $725-400+11=336$
- Using place value $376+431$ as $300+400+70+30+6+1=807$
- Using compatible numbers
$35+37+65$ as $(35+65)+37=100+37=137$
- Using reversibility
$814-789=? ?$ as $789+? ?=814$
- Using equal additions

72-37 as 75-40 (add three to both numbers)

- Using decomposition
$746-129$, rearrange 746 as $700+30+16$.
$700-100,30-20 \& 16-9=617$
Solve $x$ and $\div$ problems by:
- Using doubling, for ex,
$2 \times \_6=12$ so $4 \times \_6=24$
- Deriving facts, for ex,
$2 \times \_6=12$ so $3 \times \_6=12+6=18$
- Using reversibility, for ex,
$7 \times \_4=28$ so $28 \div 4=7$
- Using proportional adjustment, for example, $3 \times \_12$ is the same as, $6 \times \_6=36$
- (doubling and halving), or $24 \div-4=6$ so $24 \div 8=3$


## Solve problems with fractions

- Mentally, using known multiplication and division facts, for example, $1 / 3$ of $36 \mathrm{as}, 3 \times \_12=36 \mathrm{so}, 1 / 3$ of $36=12$


## Statistics Level 3

In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to:
Statistical investigation

- Conduct investigations using the statistical enquiry cycle:
- gathering, sorting, and displaying multivariate category and whole number data and simple time-series data to answer questions
- identifying patterns and trends in context, within and between data sets
- communicating findings, using data displays.

Statistical literacy

- Evaluate the effectiveness of different displays in representing the findings of a statistical investigation or probability activity undertaken by others.
Probability
- Investigate simple situations that involve elements of chance by comparing experimental results with expectations from models of all the outcomes, acknowledging that samples vary


## Mathematics Curriculum Early Level 4 (usually Year 7 students) <br> Knowledge learning intention: <br> Strategy learning intention:

Count forwards and backwards in $1 / 1000$ 's, $1 / 100$ 's, $1 / 10$ 's 1's, 10's, etc.
Say the number $1 / 1000,1 / 100^{\prime}, 1 / 10,1,10$, before or after any number
Say the number $1 / 1000,1 / 100^{\prime}, 1 / 10,1,10$, before or after any number

Order decimals to 3.d.p
Order mixed fractions with $1 / 2,1 / 4,1 / 3,1 / 5,1 / 10$
Know equivalent fractions for $1 / 2,1 / 4,1 / 3,1 / 5,1 / 10$ with
denominators

Know groupings of 10 's, 100 's \& 1000s in 7 digit numbers.

Round whole numbers \& decimals to nearest 1 or $1 / 10$
Recall all multiplication and division facts to $10 \times 10$
Recall conversions between decimals, fractions \& \% with $1 / 2$, 1/4,1/3,1/5, 1/10

Use divisibility rules for $2,3,5,9,10$

Know square no's \& square roots to 100

Identify factors of numbers to 100

## Geometry and measurement Level 4

In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to:
Measurement

- Use appropriate scales, devices, and metric units for length, area, volume and capacity, weight (mass), temperature, angle, and time.
- Convert between metric units, using whole numbers and commonly used decimals.
- Use side or edge lengths to find the perimeters and areas of rectangles, parallelograms, and triangles and the volumes of cuboids.
- Interpret and use scales, timetables, and charts.

Shape

- Identify classes of two- and three-dimensional shapes by their geometric properties.
- Relate three-dimensional models to two-dimensional representations, and vice versa.
Position and orientation
- Communicate and interpret locations and directions, using compass directions, distances, and grid references.
Transformation
- Use the invariant properties of figures and objects under transformations (reflection, rotation, translation, or enlargement).


## Solve + and -problems by using:

- Compensation from tidy numbers, e.g., $3.2+1.95$ as $3.2+2$ 0.05
- Place value, e.g., $8.65-4.2=(8-4)+(0.6-0.2)+0.05$ or $8.65-4=4.65$ then $4.65-0.2=4.45$
- Reversibility and commutativity, e.g., $6.03-5.8=$ ?? as $5.8+$ ?? $=6.03$ (reversibility) or ?? $+3.98=7.04$ as $3.98+? ?=7.04$ (commutativity)
- Equal additions, e.g., $7.24-3.8$ as $7.44-4.0=3.44$
- Using negatives, e.g., $6.4-2.5$ as $0.4-0.5$ is $-0.1 ; 6.0-2.0=$ 4.0; 4.0-0.1 = 3.9
- Decomposition, e.g., $9.25-6.83$ as 8,12 tenths, 0.03
- Written working forms / Vertical algorithms

Solve $x$ and / problems by using:

- Compensation from tidy numbers, e.g., $6 \times 998$ as,
(6 $\times 1000$ ) $-(6 \times 2)$ or $56 \div-4$ using $(60 \div 4)-1$
- Place value, e.g., $28 \times 7$ as $(2 \overline{0} \times 7)+(8 \times 7)$ or $72 \div 4$ as $(40$ $\div-4)+(32 \div 4)$
- Reversibility, e.g., $96 \div 6$ as $6 \times$ ?? $=96$
- Proportional adjustment, e.g., $4 \times 18$ as $8 \times 9$ or $81 \div 3$ as $(81 \div-9) \times 3$
- Written working forms / Vertical algorithms

Solve problems with fractions, decimals, proportions, and ratios, using:

- Unit fractions, e.g. $4 / 9 \times 18$ as $(1 / 9 \times 18) \times 4$
- Place value, e.g., $3.4 \times 8$ as $(3 \times 8)+(0.4 \times 8)=24+$ $3.2=27.2$
- Compensating from tidy numbers or fractions, e.g., $3 / 8 \times 28$ as $1 / 2$ of $3 / 4 \times 28$ or $1.9 \times 3.4$ as $(2 \times 3.4)-(0.1 \times 3.4)$
- Using equivalent fractions and ratios, e.g., $40 \%$ of 35 as $2 / 5$ of $35=14$


## Statistics Level 4

In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to:
Statistical investigation

- Plan and conduct investigations using the statistical enquiry cycle:
- determining appropriate variables and data collection methods
- gathering, sorting, and displaying multivariate category, measurement, and time-series data to detect patterns, variations, relationships, and trends
- comparing distributions visually
- communicating findings, using appropriate displays.

Statistical literacy

- Evaluate statements made by others about the findings of statistical investigations and probability activities.
Probability
- Investigate situations that involve elements of chance by comparing experimental distributions with expectations from models of the possible outcomes, acknowledging variation and independence.
- Use simple fractions and percentages to describe probabilities

| Mathematics Curriculum Level 4 (usually Year 8 students) |  |
| :---: | :---: |
| Knowledge learning intention: | Strategy learning intention: |
| Count forwards and backwards in $1 / 1000^{\prime}$ s, $1 / 100{ }^{1}$, $1 / 10^{\prime} \mathrm{s} 1^{\prime \prime}$ s, $10^{\prime} \mathrm{s}$, etc. | Solve $+\boldsymbol{x}$ and $\div$, problems with fractions and decimals by using: <br> - Conversion between fractions and decimals, e.g., $0.75 \times 2.4$ as $3 / 4 \times 2.4$ <br> - Place value, e.g., $0.15 \times 3.6$, as $(0.1 \times 3.6)+(0.05 \times 3.6)$ <br> - Doubling and halving, etc., e.g., $7.2 \div 0.4$ as $(7.2 \div 0.8) \times 2$ <br> - Commutativity, e.g., $48 \times 0.125$ as $0.125 \times 8=$ $1 / 8$ of $8=1$ <br> - Multiplying numerators and denominators, e.g., $3 / 4 \times 2 / 5$ as $3 \times 2 / 4 \times 5$ |
| Say the number $0.001,0.01,0.1,1,10$ before/after decimal numbers |  |
| Order fractions, decimals and percentages |  |
|  |  |
| Know what happens when any number is multiplied or divided by a power of ten. |  |
| Round decimals to the nearest $100,10,1$, or 0.01 |  |
| Recall fraction, decimal \& \% conversions for commonly used fractions: ( $1 / 8 s^{\prime}, 1 / 10^{\prime} s^{1 / 20^{\prime} s}$ etc) | Use written forms for: |
| Know simple powers of numbers to 10 | single digit <br> Multiplication of 4 digit $\times 2$ digit whole numbers |
| Use divisibility rules for 2,3,4,5,6,8,9,10 | Find fractions, decimals \& percentages of given amounts e.g., $65 \%$ of 24 as $50 \%$ of 24 is $12,10 \%$ of 24 is 2.4 , and $5 \%$ is 1.2 so $12+2.4+1.2=15.6$ |
| Identify common factors of pairs of numbers to 100 | - Finding equivalent ratios with a common factor, e.g., $21: 28$ as ?? :8 as $21: 28$ is $3: 4$ so $6: 8$ e.g., $18 / 27=2 / 3$ so $2 / 3=10 / 15$ <br> - Finding a multiplier between the units, e.g., 18 out of 27 as 10 out of 15 by multiplying 15 by $2 / 3$ |
| Identify lowest common multiple of pairs of numbers to 10 |  |
| Recall prime numbers to 20 |  |
| Geometry and measurement Level 4 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: | Statistics Level 4 <br> In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to: |
| Measurement <br> - Use appropriate scales, devices, and metric units for length, area, volume and capacity, weight (mass), temperature, angle, and time. <br> - Convert between metric units, using whole numbers and commonly used decimals. <br> - Use side or edge lengths to find the perimeters and areas of rectangles, parallelograms, and triangles and the volumes of cuboids. <br> - Interpret and use scales, timetables, and charts. <br> Shape <br> - Identify classes of two- and three-dimensional shapes by their geometric properties. <br> - Relate three-dimensional models to two-dimensional representations, and vice versa. <br> Position and orientation <br> - Communicate and interpret locations and directions, using compass directions, distances, and grid references. <br> Transformation <br> - Use the invariant properties of figures and objects under transformations (reflection, rotation, translation, or enlargement). | Statistical investigation <br> - Plan and conduct investigations using the statistical enquiry cycle: <br> - determining appropriate variables and data collection methods <br> - gathering, sorting, and displaying multivariate category, measurement, and time-series data to detect patterns, variations, relationships, and trends <br> - comparing distributions visually <br> - communicating findings, using appropriate displays. <br> Statistical literacy <br> - Evaluate statements made by others about the findings of statistical investigations and probability activities. <br> Probability <br> - Investigate situations that involve elements of chance by comparing experimental distributions with expectations from models of the possible outcomes, acknowledging variation and independence. <br> - Use simple fractions and percentages to describe probabilities |

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