

## ME, MYSELF AND I

### SECTION A - Select and complete THREE learning activities from this section

1. It's your birthday! You have been given \$300 to spend as you wish. Plan and cost your celebration. Create a budget on a GOOGLE sheet or similar showing your costings
2. Construct a personal timeline of your life, which indicates major events and other interesting information about your life.
3. List all the ways you have used mathematics in your life for the last five schools days. Prepare a wall chart to show your findings.
4. Examine and review your growth rate (weight and height) from birth to the present day. Display your information. How might your adult height and weight relate to your previous growth pattern? Predict your adult height and weight. Record your findings
5. Investigate and draw your family tree. Devise a way to show relationships between the members. Try and go back at least four generations

### SECTION B - Select and complete THREE learning activities from this section.

**'LEADERS AND LEARNERS FOR THE FUTURE'**

1. Estimate then calculate how far you walk in one year.  
Check the accuracy of your calculations using a pedometer.  
Where could this take you if you walk in any direction from your home or school? Present your findings in an innovative way.
2. Research and record mathematical facts about your body e.g. number of bones, number of hairs on head, length of veins, arteries and capillaries, pulse, heart-beat, nerves etc
3. Estimate, and then use your body parts to accurately measure  
One metre    one hundred metres    one kilometre  
On a map of your school, show these distances and check by measuring accurately.
4. Investigate the amount of your favourite food that is eaten in a week, and a year:
  - a. By you
  - b. By your family
  - c. By New ZealandersPresent your findings on a chart to show comparisons
5. Estimate and then determine the amount of time you spend in  
Sleeping          Eating          At school          Studying  
Wasting time    Watching TV    Other activities.
6. Track, and record the information over one day and extend this for one week, one month and one year. Comment on your findings.
7. Create a model or puppet of yourself, which is  $\frac{1}{4}$  of your size, and design and make clothing to fit.