**Writing Frame**

**Problem**

Set a question to research

I am going to investigate . . . . . . . . . . . . . . .

I know I will get . . . . . . . . . . . . .

I think I will probably get . . . . . . . . . .

**Plan**

I am going to . . . . . .

**Data**

Table of results

Chart / display of results

**Analysis**

Looking at my . . . . . graph I can see

**Conclusion**

Discuss findings and answer your research question

You should be using **TTRC** to solve these problems and merge it into PPDAC

* Tool –

definition of the probability tool

how the tool models the situation

* + Using calc random number function.
  + Using the first 2 digits to represent each traffic light.
  + If the digit is 1 or 2 or 3 the light is green, otherwise it is red.
* Trial –

Definition of a trial

definition of a successful outcome

* + Generate one random number to represent one trip to school.
  + Record the result.
  + Example 0.386 will be green (3) red (8) ignore the 6.
* Results

Statement of how the results will be tabulated giving an example of a successful outcome and an unsuccessful outcome

Statement of how many trials will be carries out

* Set results out in a table
* Calculations

Statement of how the calculation is done for the conclusion