**Intermediate Numeracy Task – The Three Sisters**

Your school’s sustainability committee has received money for a gardening project.

Fortunately, your school is located next to a community garden, where you can rent a plot of land, so you don’t have to dig up any school ground.

You have been tasked with preparing a proposal to grow a *Three Sisters Garden* with a budget of $150.

**Your proposal must include:**

* Which plot of land to rent;
* How many of each seed you will purchase;
* A rough draft of how you will plant the garden;
* How much all of this will cost, including 5% GST on seeds.

You must be prepared to *justify* your choices.

Here are some important details to remember:

* Each squash seed requires a 90cm x 90cm square.
* Each 90cm x 90cm square requires a path of at least 60cm on all sides (not including the sides that are on the border of the garden)
* The ratio of beans:corn:squash in each 90cm x 90cm square must be 5:3:1

**Plots of land available to rent**

3.9 m x 3.9 m square - $90

2.4m x 2.4m square - $42

3.9m x 3.9m square with a 2.4m x 1.5m rectangle removed from the top right corner - $63

**Seeds**

Beans $0.50 each or $6.00 for a packet of 15

Corn $1.10 each or $3.00 for a packet of 3

Squash $0.85 each