Lesson Plan – Build a Farm

**AIM**: To see which pupil can make the most profit from their farm design.

**Resources:**

* A4 squared cm paper
* A3 plain paper
* Constraints sheet (what pupils need to make sure they include on their farm)
* Values sheet (amount of money pupils gain per square for the different products) – make sure pupils understand that £12 per potato square means they make £12 and that it does not cost them £12 to grow potatoes
* Pencils
* Rulers
* Colouring pencils
* Glue

**Plan**:

* Show pupils the power point and what you expect from them by the end of the half term (including pictures of other pupils work).
* Give pupils an A4 sheet of paper, the values sheet and review the constraints. Explain what the constraints and values sheet means.
* Let pupils start drawing their farms making sure they keep a count of the number of fences they use (they only have 150cm worth)
* Pupils need to make a note on the area and perimeter of each of their vegetable patches and animal spaces(This could be done as a key and colour coded)
* Once the pupils farm is draw they can colour it in.
* Stick their farm on an A3 sheet and around the outside calculate the money they make from vegetables and animals.
* They should then calculate the profit they have made.
* Pupils can then make a leaflet and/ a poster to advertise their farm – this must appeal to younger school children
* In the last lesson get the pupils to present their farms to each other explain how much money they made and lost and what changes they would make to their farm.