

## Zoo Project Steps

### Choosing Animals

*Your entire zoo must fit on 4 pieces of graph paper.*

Step 1: (On your zoo planning sheet) Choose your first animal and how many you want and total minimum area that will be needed	Zoo Planning Sheet <input type="checkbox"/> Wrote animal <input type="checkbox"/> Wrote how many <input type="checkbox"/> Wrote total minimum area required
Step 2: (On your area and perimeter planning sheet), name your animal exhibit, and choose 2 dimensions that will give you the minimum area or more. List your dimensions in the exhibit and dimensions box. Calculate your total area and perimeter and volume and capacity if required.	Area and Perimeter Planning Sheet <input type="checkbox"/> Named animal exhibit <input type="checkbox"/> Wrote dimensions <input type="checkbox"/> Calculated area & wrote it down <input type="checkbox"/> Calculated perimeter & wrote it down <input type="checkbox"/> Calculated volume/capacity & wrote it down
Step 3: Repeat steps 1 and 2 until you have a total of 10 different types of animal enclosures, however, to get a 4, you must use as much of the land as possible.	Area and Perimeter Planning Sheet <input type="checkbox"/> Named animal exhibit <input type="checkbox"/> Wrote dimensions <input type="checkbox"/> Calculated area & wrote it down <input type="checkbox"/> Calculated perimeter & wrote it down <input type="checkbox"/> Calculated volume/capacity & wrote it down
***Remember you need at least 2 of each type of animal you chose and at least 3 must be fully enclosed or housed in water.***	

### Starting the blueprint

Step 4: Start by creating one animal enclosure remember to identify if it requires a fence, tank, cage or pool. Label which animal exhibit you have drawn.	Graph paper <input type="checkbox"/> <input type="checkbox"/> Label exhibit
Step 5: You must have a pathway at least 20m wide to access/view the animal exhibit.	Graph paper <input type="checkbox"/> Drew pathway at least 20m wide
Step 6: Continue adding your animal exhibits and pathways until you have graphed them all	Graph paper
Step 7: include 2 areas that are non animal related. Consult the bonus area examples list for total area required.	Graph paper & Tips for drawing sheet
Step 8: Provide a legend and compass rose and name your zoo.	Graph paper <input type="checkbox"/>

### Labelling

Step 9: 2 pairs of each type of line: parallel, perpendicular, vertical, horizontal, intersecting	Graph paper <input type="checkbox"/>
---	---

