

Name: _____

Class: _____

**Create a Model of Your
YOU Exhibit
for the North Carolina Zoo**

Before you begin building:

___ 1. Pull out your zoo data sheets

___ 2. Add to your " My-Must-Needs-to-Live" list

Can you think of any more? Add them, too

___ 3. Next to each need briefly state how you will meet the need in your exhibit

___ 4. Make a Venn Diagram: one circle for you the other for your animal

___ 5. Share your reactions as you look at the Venn Diagram to your similarities and differences, in written form

DUE: _____

On to your scale drawing:

___ 1. On graph paper draw a scale drawing of your exhibition

Remember to include

___ a. Dimensions

___ b. Scale

___ c. Units

___ d. Neat and tidy

___ e. Include specific details as to where everything will be located

___ 2. On a separate sheet of paper find the perimeter and include

___ a. How it compares to the perimeter of our classroom

___ b. How many times longer the larger is from the smaller

___ 3. On a separate sheet of paper find the area

___ a. Include which geometric shapes you used to find area

___ b. How it compares to the area of our classroom

___ c. How many times larger is the bigger of the two

DUE: _____

Now it is time to create you model!!!

YES, you can finally use the box and catalogs I asked you to save!

___ 1. Decide which faces of your box you need and don't need

* Remember: Measure twice, cut once *

___ 2. Keep in mind that your box is larger than your scale drawing and you will need another scale, drawing : model

___ 3. Read the following Reflection Questions and jot down your thoughts as you build your model

___ a. How did you meet your needs to live in your zoo exhibit?

___ b. What were some of your needs you could not meet?

Be sure to explain why.

___ c. When were the times you felt frustrated while completing "How Much Space Do You Need?"

___ d. When you think back over the entire "How Much Space Do You Need?", what are you most proud of?, and of course I am interested in you explaining why?

___ 4. Let your Creative Juices flow and BUILD

___ 5. Write your responses to the Reflection Questions

***** I AM SO-O-O EXCITED TO SEE YOUR YOU EXHIBIT *****
ON
