**Build your City**

**You Decide…**

•You are an architect and your job will be to build your OWN city.

•DECIDE what you will need to build a city runs SUCCESSFULLY.

**Requirements:**

ON ONE sheet of paper, write:

1) Your name

2) City’s name

3) List of 10 things:

 \* Give your REASONS why

 \* RANK them according to importance (1= most important and 10 = least important).

**City needs…**

•**Choose 10 of the following choices and give the REASON why you think they are important.**

 Post office Police Recycling Center

 Electric Company Storage Lumber yard

 Telephone Company Wall Street Sweeper

 Trash & Sewer Factory Blueprints

 Beauty Shop Rules Library

 Mayor’s Office Toll gate Gas Station

 Grocery Store Street School

4) Describe how each of the structures selected functions

•For function tell:

–What does each structure does for the city?

–How does each structure of the organization help it to work?

5) Now imagine that each item on your list is taken away for 1 week… write what chaos this would create in your city for your top 5 choices (1 paragraph - How would it effect other items on your list?)

6) Draw and color 4 pictures on your list above.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Why |  |  |  |  |  |  |  |  |  |  |
| Major Function |  |  |  |  |  |  |  |  |  |  |
| Equal to What Part of the \_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |  |  |  |  |  |  |
| Function |  |  |  |  |  |  |  |  |  |  |
| Reason Why |  |  |  |  |  |  |  |  |  |  |
| City Structure | 1. | 2.  | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| How Metaphor Function |  |  |  |  |  |  |  |  |  |
| Metaphor Structure |  |  |  |  |  |  |  |  |  |
| 2 Important Details |  |  |  |  |  |  |  |  |  |
| Major Function |  |  |  |  |  |  |  |  |  |
| Cell Organelle |  |  |  |  |  |  |  |  |  |

CELL CITY

Now it’s your turn…

•To show me what you know using what you’ve learned and some creativity.

•You will create an analogy of your own.

•Due at the end of the period.

YOU MAY NOT USE A CITY FOR YOUR METAPHOR

Cell City
What is required

•Color illustration of your Cell Metaphor

•The following organelles must be included :Nucleus, nuclear membrane, ribosome, endoplasmic reticulum, mitochondria, lysosomes, golgi complex, vacuole, cytoskeleton.

•A key explaining how each part of your city corresponds to the actual parts of the cell.

•Be imaginative. This is a chance for you to be as creative as you like.

•You will be graded mainly on how well you represent the parts of the cell, but some of your grade will depend on originality and apparent effort on the work.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| City Structure | Reason Why | Function | Equal to What Part of Cell | Major Function | Why |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |
| 7. |  |  |  |  |  |
| 8. |  |  |  |  |  |
| 9. |  |  |  |  |  |
| 10. |  |  |  |  |  |