Cell Project

Students create an original model of a plant or animal cell
For this project, you will make a model of a cell. You may choose which type of cell to make (plant or animal). You need to choose what material you will use for the cell itself (the main part) and also what materials you will use for each of the cell structures. Examples of materials are listed on the next page.

**Plant cells must include the following structures:**
- Nucleus, Chromosomes, Cell Membrane, Cell Wall, Cytoplasm, Chloroplasts, Vacuoles, Mitochondria

**Animal cells must include the following structures:**
- Nucleus, Chromosomes, Cell Membrane, Cytoplasm, Vacuoles, Mitochondria

Your cell model will be graded on the following characteristics, which will be worth 10 points each:

1. Cell structures are included and labeled
2. Spelling of cell structures
3. Variety of materials
4. Neatness

Total Points Possible = 40
Cell Project Planning Sheet

Type of cell you will make:

Plant____ Animal____

What will you use for the cell itself?
Examples: Styrofoam ball, cardboard, paper, box

List the materials you will use for each of the cell structures.
Examples: candy, paint, toys, food, paper

<table>
<thead>
<tr>
<th>Cell Structure</th>
<th>Material</th>
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<td>Cell structures included &amp; labeled</td>
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<td>Spelling of cell structures</td>
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<td>Total Points</td>
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<td>Variety of materials</td>
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<td>Neatness</td>
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Notes:
Cell Project Examples

Examples of cell projects created by 5th grade students

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