**Landscape Design Project Outline**

Objective: You will design the landscaping for the yard of a house with energy and water conservation, aesthetics, and wildlife habitat as principle concerns of the project.

Project Options

* Students may choose to use their own yard as their project.
* Students may propose their own landscaping project.

Procedure

* Make a scale drawing of the lot on the graph paper.
* Draw the footprint of the house and outbuildings on the graph paper. (**Existing Lot Plan**)
* Consider what landscaping materials to use in the project.
* Check on any restrictions that the HOA (your parents) has on landscaping.
* Draw the landscaping plan on the graph paper. Include Dimensions and Color. (**Landscape Plan**)
* Write an itemized report that includes the amount of each of the materials needed for the project and the cost of the materials. (**Construction Costs**)
* Make a legend that identifies the type of materials and plants in the landscape. (**Plants**)
* Submit the plan (to your parents) for approval.
* Present your project to the class when completed.

Extra Credit

* Include in the project an irrigation system plan, location of sprinkler heads, drip lines, and an estimation of cost.
* Detailed pond/ water feature options.
* Entire Plan turned in electronically.

Other Topics to Discuss

* Where can you get ideas on designing your yard?
* How much growth space should you allow for the vegetation?
* How much water usage will your landscaping project require?
* Visit hgtv.com to see landscape ideas
* Visit better homes and gardens website, bhg.com, to register to use a free landscaping program.

General Discussion Notes and Due Date:

**Backyard Botany Landscape Project Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Period\_\_\_\_\_\_\_\_**

**MINIMUM REQUIREMENTS:**

Your drawings should include:

 \_\_\_\_\_EXISTING LOT PLAN

 \_\_\_\_\_LANDSCAPE PLAN (Includes color)

 \_\_\_\_\_PLANT LIST

 \_\_\_\_\_CONSTRUCTION COSTS

###  Category Scoring Criteria Points Score

|  |  |  |  |
| --- | --- | --- | --- |
| Lot Plan |  Existing Lot plan / Includes dimensions, Shows orientation of Existing house, utilities, buildings, trees, gardens, drives, etc.. | **\*10** |  |
| Landscape Plan | Shows Existing Lot Plan with all proposed improvements and Additions. Includes dimensions and color.  | **\*20** |  |
| **Plant List:** | Trees/shrubs/Flowers, etc.. List names/draw key of plants used in landscape plan. Xerioscaping. | **\*10**  |  |
| **Construction****Costs** | Estimate of the costs of all materials and construction |  **\*10** |  |
| **Pond or Water** **Feature** | Detailed pond/ water feature options. | 5  |  |
| **Irrigation System****Drawing** | Include in the project an irrigation system plan, location of sprinkler heads, drip lines, and an estimation of cost. |  5 |  |
| **Entire Plan turned****in Electronically** | Turn in plans in electronically |  5  |  |

**\* -- Minimum Requirement**

 **Score\_\_\_\_\_\_\_\_\_\_\_\_**

 **50**

**Base Plan**

Draw a base plan to scale. For most properties a scale of 1/8"=1' is workable; for small properties or a particular area of a larger development 1/4"=1' may be better. Graph paper with lines indicating a particular scale may also be helpful. Include all major features on your drawing such as existing walks, terraces, outbuildings, trees, shrubs, drives, property lines, easements, utilities, etc. After preparing the base plan, place tracing paper or tissue paper over the original plan to sketch possible ideas and solutions to your landscape needs and problems.



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| --- | --- |
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| **Step One**  | **Step Two** |
|  |  |
|  |  |
| **Step Three**  | **Step Four** |
|  |  |
| **Step Five**  | **Step Six** |
|  |  |
| **Step Seven** |  |

Always indicate compass directions in relation to the house by drawing an arrow (N->) pointing north. You may also want to show the direction of the rising sun. In winter, the sun rises a little south of east and sets a little south of west. In summer, the sun rises somewhat north of east and sets somewhat north of west.

