

Zoo Enclosure Project Description

Overarching Question: How do you design a zoo enclosure that reflects the animal's natural ecosystem?

Sketch of Enclosure Shows

1. Places to hide
2. Plants and animals that match the natural ecosystems AND Natural behaviors.
3. The number of each animal in the enclosure
4. A safe viewing area
5. A safe holding area

Abiotic Factors

1. Map of Minnesota colored for your ecosystem
2. Range of temperatures
3. Mean temperatures
4. Description of seasons

Written Description

1. Describe how the animals' needs are met (food, water, shelter, space).
2. Describe how the animal will get its exercise that matches the animal's natural behaviors.
3. Describe the enrichment (games, toys etc.) for each animal that matches the animal's natural behaviors. . .

| | 4 | 3 | 2 | 1 |
|---|---|---|---|--|
| Sketch ___x4=___ | Sketch has all 5 requirements with labels. | Sketch shows 4 of the requirements. | Sketch shows 3 of the requirements. | Sketch shows 1-2 of the requirements. |
| Abiotic Factors ___x2=___ | All 4 requirements shown and described in detail. | All 4 requirements described. | 3 requirements shown. | 1-2 described. |
| Written Description Animal 1 ___ Animal 2 ___ Animal 3 ___ | All 3 requirements described with great depth and insight into the animals. | All 3 requirements described. | 2 requirements described. | 1 requirement described. |
| Attractiveness ___x2=___ | Exceptionally attractive in terms of design, layout, and neatness. | Attractive in terms of design, layout and neatness. | Acceptably attractive though it may be a bit messy. | Distractingly messy or very poorly designed. It is not attractive. |