1- Covered Wagon Area

Materials Needed:
1. log slices (on surface set into mulch)
2. branches (loosely arranged on the surface)
3. tree stumps (buried if needed for stability)
4. wood chip mulch (2-3” deep, contained in the area)

Steps to take:
1. Arrange and secure tree stumps in clumps to facilitate climbing and jumping. Larger stumps that would not tip with a person on top can just be set on the surface. Smaller stumps need to either be cut into tree cookies, or buried into the ground to support the weight of a person on top.

2. Spread mulch on surface 2-3” inches deep

3. Set tree cookies into mulch

4. Arrange tree branches
2-Tree Slide

Materials Needed:
1. log segment “stairway” (1-2’ lengths, 1/2 buried set perpendicular to slope)
2. boulder “stairway” (slightly buried for stability)
3. large logs slides cut in half (buried bark side down, level with the ground)
4. wood chip mulch (2-3” deep, contained in the area by a slight trench at the bottom of the hill to contain mulch)

Steps to take:
1. Set boulders and log segments into the ground 2-3” to create a stairway from the bottom of the hill to the top of the hill. Steps should be 6”-12” apart.

2. If log slides are available on site, dig a trench deep enough to bury log slides into the ground
   1. Sand surface of slide to create a smoother surface and reduce sliver hazard
   2. Treat surface of slide with finish

3. Spread mulch on surface 2-3” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
3- Water Play

Materials Needed:
1. sand (4-6” deep)
2. small boat (slightly buried into the ground, filled with sand)
3. 2 raised wood platforms (4x4’ and 4x6’ set on concrete block footings)
4. Willow tree

Steps to take:
1. Bury small boat 6-12” to make it stable to play on. Fill with 6-12” of sand

2. Plant willow tree at marked location

3. If wood platform materials are present construct two platforms, one 4x4’ the other 4’x6’. Set these each on 4 concrete block footings

4. Spread sand on surface 4-6” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
4-  **Tree Branch Nests**

**Materials Needed:**
1. rebar
2. branches (woven through rebar frames)
3. mulch (2-4” deep)

**Steps to take:**
1. Tree branch nests
   1. bend rebar into horseshoe shaped arcs
   2. mark a circle 4-6’ in diameter that outlines where rebar framework will go
   3. insert both rebar ends into the ground 2-3’, overlapping rebar segments by 2-3’ all the way around the marked circle
   4. leaving an opening for a door
   5. In a secure area away from others prepare tree branches by removing all side twigs and branches
   6. weave tree branches through the rebar frame, completely covering the framework

2. Spread mulch on surface 2-4” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
5- **Rock Castle**

**Materials Needed:**
1. boulders, various sizes
2. mulch (3-4” deep)

**Steps to take:**

1. Securely arrange boulders around the space, creating a central “rock castle” feature

2. Slightly bury boulders to create a more natural appearance

3. Spread mulch on surface 3-4” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
6- Log Balance Course

Materials Needed:
1. log segments (various lengths, notched and stacked lincoln log style)
2. mulch (3-4” deep)

Steps to take:
1. in a safe place away from others prepare logs use a hatchet or small axe to make 1-2” notches at the ends of logs

2. place logs on the surface in a network of balance beams, ensuring that the logs are secured so they do not rock back and forth

3. spread mulch on surface 3-4” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
7- Fort Building

Materials Needed:
1. logs (various sizes and lengths, placed on surface)
2. branches (various sizes)
3. tree cookies (placed into mulch)
4. mulch (3-4” deep)

Steps to take:
1. spread mulch on surface 3-4” inches deep, contained in the area by a slight trench at the bottom of the hill to contain mulch
2. prepare logs and branches by removing smaller side branches
3. place logs and branches in a random like manner around the area
8- Dirt Digging Area

Materials Needed:

1. dirt

Steps to take:

1. arrange dirt into a manner that promotes digging
9- Culvert Canyon

Materials Needed:
1. culverts (various sizes, slightly bermed up)
2. mulch (3-4" deep)

Steps to take:
1. arrange culverts to desired locations
2. slightly bury culverts to prevent rolling
3. spread mulch on surface 3-4" inches deep