DESIGNING YOUR LANDSCAPE

This worksheet will guide you through the process of designing a functional landscape plan. The process includes these steps:

- Gather information about the site and who will use it
- Prioritize needs and wants and determine your budget
- Organize the landscape space and determine the shape of the spaces and how they relate

Step 1: Site Analysis & Prioritize Needs/Wants
Examine the location of existing landscape features: house and garage
Examine the location of the rooms in your house and think about the view from each room
Complete the Landscape Questionnaire on the next page

Step 2: Determine a budget - Approximate how much you will be able to spend on your landscape

Step 3: Identify home landscape use areas
Just as in a home, a landscape is composed of areas that are used for different purposes. Most home landscapes have public and private areas. Each should be designed to meet your needs and to create an attractive overall landscape.

- Public Area – This is most often the front yard and is the area the public sees from the street. The main purpose is to frame the house and create a visually appealing and inviting landscape. An attractive entryway or walkway to the house is a primary feature.
- Private or Family Area – The private area is often the back yard and sometimes the side yards. There should be easy access from the house to the outdoor space and features such as outdoor furniture and lighting should be considered.

Step 4: Sketch a bubble (big picture) diagram
Organize your area into a bubble type diagram showing: public areas, entryway, side yard, play area, private/family area, and service area

Step 5: Sketch a preliminary design
From your bubble diagram, design your landscape with specific features such as walkways, trees, gardens, pool, patio, etc.

Step 6: Draw your final plan
All items drawn using templates, when available, or very neatly
Pools are not allowed within 10 feet of the house and require a fence on both sides of your house.
There should be something in the yard that demonstrates **symmetry**.
There should be at least one **circular** object (other than trees) in your yard.
There should be something outside that demonstrates a **reflection, rotation, and translation**.
A walkway/pathway should connect your driveway to the front door.
Gates must be at least 3 feet wide.
Sidewalks should be 4 to 5 feet wide. Pathways may be 2 to 3 feet wide.
Write the name on all outside features that are not obvious

Architecture: **Home Landscape Questionnaire** Name:

Answering these questions will help determine how outdoor spaces are used. Identify facts, wants, and needs increases the likelihood that the resulting landscape is a success.

YARD USE

Who will use the yard? ___ Adults ___ Children ___ Elderly ___ Pets

When is the yard used? ___ Spring ___ Summer ___ Fall ___ Winter

OUTDOOR STRUCTURES

What outdoor structures/features would you like to add?

___ Patio, deck, or porch
- ___ 2 to 4 people
- ___ 4 to 8 people
- ___ 8 to 12 people
- ___ 12+ people

___ Gazebo
- ___ 2 to 4 people
- ___ 4 to 8 people
- ___ 8 to 12 people
- ___ 12+ people

___ Shade cover for patio/deck
___ Children's play area
___ Cooking/grilling area
___ Garden
___ Dog pen/run
___ Storage shed
___ Clothesline
___ Fence(s)
___ Fountain
___ Waterfall/stream
___ Greenhouse
___ Putting green
___ Rain barrel
___ Irrigation system
___ Swimming pool
___ Spa/hot tub
___ Sculpture
___ Fire pit
___ Boulders
___ Dry creek
___ Mounds/berms
___ Pond
___ Bench
___ Fenced vegetable garden

STORAGE

What items need storage space? ___ Garden equipment ___ Garbage cans ___ Bicycles
___ Outdoor toys ___ Sports equipment ___ Lawn furniture

STYLE

What is your preferred design style? ___ Formal ___ Semiformal ___ Informal

SHAPE

What is your preferred shape? ___ Rectangles ___ 45° angles ___ Circles
___ Curving/free form ___ Combination

COLOR

List your favorite colors:

Landscape Design Recording Page

1. What are the 3 main features of your landscape design?

   -
   -
   -

2. How is symmetry demonstrated in your landscape design?

3. Specifically state where a rotation, translation, and reflection can be found in your design.

4. What is your biggest circular object in your landscape (other than trees)?

5. Based on #4, determine the real-life radius, diameter, circumference, and area of this object.

Radius	**Diameter** $d = 2r$
Circumference $C = \pi d$	**Area** $A = \pi r^2$