

Landscape Design Principles

Landscape Design
Series 18

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Landscape Design Windup

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Landscape Design Principles



Landscape Design Principles

Like A House, A Garden Is Designed To Be Lived In, Used And Enjoyed By People. The Spaces Must Be Designed Arranged And Organized In A Logical Manner To Be Successful

Landscape Design Principles



Landscape Design Principles

A House Composed Of Numerous Unrelated Rooms, Thrown Together Without Regard For The Day To Day Needs Of Its Occupants Is A Disaster Regardless Of The Beauty Of Its Exterior And Interior Architecture

Landscape Design Principles

**A Garden, Composed Of Ill
Conceived And Proportioned
Outdoor "Rooms" Arranged And
Organized So Poorly That The
Occupants Cannot Use Them For
The Intended Purposes, Is A Failure**

Landscape Design Principles

**It Would Be A Disaster Regardless Of
The Beauty Of Structural Elements,
Plants, Flowers, Furnishings Or
Other Decorations**

Landscape Design Principles

The Test Of A Good House Is How Well It Serves The Needs Of Those Who Live In It. The Test Of A Good Garden Is How Well It "Works" In A Like Manner

Landscape Design Principles

A Successful Garden Allows Owners To "Live" In The Garden And Do Many Outdoor Activities



Landscape Design Principles

To Be Enjoyable Living Space, A Garden Must Offer, At Least A Modicum Of Privacy, If Not Total Seclusion In Some Or All Of Its Parts

Landscape Design Principles



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Landscape Design Principles

**Like A Home, It
Must Have "Walls"
To Shield Its
Occupants From
The Eyes Of Those
Who Have Not
Been Welcomed
Inside**



Landscape Design Principles

**If You Are Not
Going To Insist On
Any Privacy
Anywhere In The
Garden There Is
Little Reason For
Having A Garden
At All!**



Landscape Design Principles

A Well Designed Garden Offers Outdoor Living Spaces That Complement And Unite With Their Indoor Counterparts



Landscape Design Principles

**Together They
Form An
Inseparable Design
That Integrates
Utility And Beauty
Into A Creation
Greater Than The
Sum Of Its Parts**



Landscape Design Principles

Steps In The Landscape Design Process

- 1. Develop a Plot Plan**
- 2. Conduct a Site Analysis**
- 3. Assess Family Needs**
- 4. Locate Use Areas**
- 5. Design, Construct, And Plant**

Landscape Design Principles

**With Forethought And Planning,
You Can Create A Landscape For
Maximum Use And Pleasure, And
Create A Visual Relationship
Between The House, Its Site, And
The Neighborhood**

Landscape Design Principles

Landscape Design Is The Arrangement Of Outdoor Space For Human Enjoyment And Satisfaction



Landscape Design Principles

Well-designed Home Landscapes

**Are Aesthetically Pleasing And
Functional**

Offer Pleasure To The Family

Enhance The Neighborhood

Add To The Property's Resale Value

Landscape Design Principles



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Landscape Design Principles

**The Planning Process Is Possibly
The Most Important Aspect Of
Residential Landscaping But It Is
Often Neglected**

Landscape Design Principles

Poor Planning Includes

- Scattered, Poorly Placed Trees
- Overgrown Foundation Shrubs
- Narrow Concrete Walks
- Fences That May Not Add To The Garden Design

Landscape Design Principles



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Landscape Design Principles



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Landscape Design Principles

These Landscapes Are

- Less Attractive Than They Should Be
- Are Often Expensive
- Do Not Serve Family Needs

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Landscape Design Principles

**Good Planning Saves Time, Effort,
And Money And Can Lead To A
Much More Satisfying Environment**

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Landscape Design Principles

**When Planning Your Landscape
Consider The Entire Space And
The Overall Effect You Want To
Achieve**

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Landscape Design Principles

Don't Limit Your Ideas To Just Plants. Integrate Them With The Hardscapes Including The Patio, Deck, Mailbox, Screens, Wall, Lighting, Walkways And Parking Areas

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Landscape Design Principles

**Landscaping Combines Elements
Of Art And Science To Create A
Functional, Aesthetically Pleasing
Extension Of Indoor Living To The
Outdoors**

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Landscape Design Principles

**One Purpose Of Landscape Design
Is To Blend Manmade Technology
(House Or Building) Into The
Natural Surroundings**

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Landscape Design Principles

To Create A Desirable Landscape Design, The You Need A Knowledge Of Art Elements And Design Principles

Landscape Design Principles



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Landscape Design Principles

Elements Of Art Include But Are Not Limited To Color, Line, Form, Texture And Scale. These Elements Are Not Independent Of Each Other, So Consider Their Individual Qualities Before Examining Their Interactions

Landscape Design Principles



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Landscape Design Principles

Color, Line, Form, Texture And Scale Are Tools That Are Used In Combinations To Adjust Design Principles

Landscape Design Principles

Design Principles Include Unity, Balance, Transition, Focalization, Proportion, Rhythm, Repetition And Simplicity. All These Principles Interact To Yield The Intended Design

Landscape Design Principles

**Create Unity By The Effective Use
Of Components In A Design To
Express A Main Idea Through
Consistent Style**



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Landscape Design Principles

**Emphasize Unity By Consistency
Between Parts Of The Landscape.
Using Elements To Express A
Specific Theme Within Units
Creates Harmony. Achieve Unity
By Using Mass Planting And
Repetition**

Landscape Design Principles



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Landscape Design Principles

Unity Means That All Parts Of The Composition Or Landscape Go Together; They Fit. A Natural Feeling Evolves When Each Activity Area Belongs To And Blends With The Entire Landscape

Landscape Design Principles



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Landscape Design Principles

**Everything In A Landscape Must
Complement The Central Scheme
And Serve Some Functional
Purpose**

Landscape Design Principles



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Landscape Design Principles

**Balance In Design Refers To The
Equilibrium Or Equality Of Visual
Attraction**

Landscape Design Principles

Balance In Landscape Design Is Not Always Necessary. Imbalance May Be Used With Architectural Features Of Some Houses To Create Desirable, Interesting Effects

Landscape Design Principles



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Landscape Design Principles

Symmetrical Balance Is Often Overdone In Residential Landscape Design. This Approach Seems Formal And Monotonous

Landscape Design Principles



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Landscape Design Principles

**Asymmetrical Balance Is Often
More Desirable For Residential
Landscapes As The Balance Less
Monotonous**

Landscape Design Principles



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Landscape Design Principles

**Size Is Balance By Mass And
Texture. Architectural Style May
Dictate The Use Of Symmetry Or
Asymmetry**

Landscape Design Principles



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Landscape Design Principles

**Driveways, Parking And Walks
Must Be Functional. Position Them
To Provide Easy Access From
Points Of Entry Onto The Property
To The Entrance Of The House**

Landscape Design Principles



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Landscape Design Principles

Too Often Walks Run From The Street To The Front Door With No Consideration Of Access From The Driveway To The Front Door. Many Times A Walk Dividing The Front Yard Is Not Necessary And May Detract From The House

Landscape Design Principles



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Landscape Design Principles

Symmetrical Balance Means One Side Of The Design Is A Mirror Image Of The Other Side. There Is A Distinct Dividing Line Between The Two Sides

Landscape Design Principles



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Landscape Design Principles

**Equal Lines, Forms, Textures Or
Colors Are On Each Side Of A
Symmetrical Design**

Landscape Design Principles



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Landscape Design Principles

**Asymmetrical Balance Uses
Different Forms, Colors And
Textures To Obtain Visual Balance**

Landscape Design Principles



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Landscape Design Principles

**The Opposing Compositions On
Either Side Of The Central Axis
Create Equal Attraction. For
Example, Mass Is Offset By Color
Or Horizontal Line by Height**

Landscape Design Principles



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Landscape Design Principles

You Must Skilfully Manipulate The Design Elements To Create Asymmetrical Balance. The Central Axis Must Be Predetermined And Then Developed By The Elements Of Art And Other Principles Of Design

Landscape Design Principles



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Landscape Design Principles

**Transition Is Gradual Change.
Color Transition Shows As The
Radial Sequence On The Color
Wheel**

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Landscape Design Principles

**Transition Is Created By The
Arrangement Of Objects With
Varying Textures, Forms, Or Sizes
In A Logical Sequential Order**

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Landscape Design Principles

**Examples Include Coarse To
Medium To Fine Textures, Round
To Oval To Linear Structural
Forms, Or Cylindrical To Globular
To Prostrate Plants**

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Landscape Design Principles

An Unlimited Number Of Schemes Exist By Combining Elements Of Various Size, Form, Texture And Color To Create Transition

Landscape Design Principles



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Landscape Design Principles

Remember That Transition Refers To The 3-dimensional Perspective Of Composition, Not Just The Flat Or Facial View

Landscape Design Principles



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It Is Possible To Use Transition To Extend Visual Dimensions Beyond Actual Dimensions. For Example, Radical Lines In The Private Area Of The Landscape Can Be Used To Enframe And/or Focalize A Scene

Landscape Design Principles



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**Transition Of Plant Materials Along
These Lines Can Make The Scene
Become A Part Of The Landscape**

Landscape Design Principles



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**Transitions From Taller To Shorter
Plants With Textural Changes
From Coarse To Fine Along Focal
Lines Emphasizes The Beauty Of A
Lake Scene**

Landscape Design Principles



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Landscape Design Principles

**Transitions From Shorter To Taller
Plants And From Fine To Coarse
Textures Enframe The Scene And
Make It Appear Closer, Like A
Painting On A Wall**

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Landscape Design Principles

**Transition Assists In The Gradual
Movement Of A Viewer's Eye To
The Design And Within It**

Landscape Design Principles



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Landscape Design Principles

Proportion Refers To The Size Of The Design Parts In Relation To Each Other And The Design As A Whole. A Towering Oak May Complement An Office Building But Dwarf A Single Story Residence

Landscape Design Principles



Landscape Design Principles

**A Three-foot Pool Is Lost In A
Large Open Lawn But Would Fit A
Small Private Area**

**A Colossal Fountain Would
Dominate A Private Garden But
Could Enhance A Large City Plaza**

Landscape Design Principles



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Landscape Design Principles

**Proportion In Landscape Design
Relates To People And Activities.
Size Relationships Of Design
Components Pose Little Problem
For Designers Who Follow The
Principle Systematically**





Landscape Design Principles

When The Elements Of A Design Create A Feeling Of Motion That Leads The Viewer's Eye Through Or Even Beyond The Designed Area, It Creates Rhythm



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Landscape Design Principles

**Tools Like Color Schemes, Line
And Form Are Repeated To Attain
Rhythm In Landscape Design.
Rhythm Reduces Confusion In The
Design**



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Landscape Design Principles

Focalization Is Leading Of Visual Site Toward A Feature By Placement Of This Feature At The Vanishing Point Between Radial Or Approaching Lines

Landscape Design Principles



Landscape Design Principles

Straight Radial Lines Create Strong Focalization Compared To Curved Lines. Your Eye Quickly Follows Straight Lines To A Focal Point

Landscape Design Principles



Landscape Design Principles



Landscape Design Principles

**Generally, Weaker Or Flowing
Lines Of Focalization Are Desirable
In The Residential Landscape**

Landscape Design Principles



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Landscape Design Principles

**Transition Of Plants Or Other
Objects Along These Lines Can
Strengthen Or Weaken The
Focalization**

Landscape Design Principles



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Landscape Design Principles

**Curved Lines Are Stronger When
Curved Toward Each Other Than
When Curved Outward**

Landscape Design Principles



Landscape Design Principles

Create Indirect Focalization Using Lines Curved In The Same Direction. Focalization Can Be Adjusted By Plant Materials Along The Lines That Create Symmetrical Or Asymmetrical Focalization

Landscape Design Principles



Landscape Design Principles

Asymmetrical Focalization Is Indirect While Symmetrical Focalization Is More Direct, Creating Stronger Focalization

Landscape Design Principles



Landscape Design Principles

Since Focalization Can Be Used To Direct Attention To A Point, Traffic Is Directed To That Point

Landscape Design Principles



Landscape Design Principles

Focalization Is Used To Direct Traffic In Garden Or Guide The View Toward Commercial, Aesthetic Or Cultural Features Without Undue Emphasis.

Landscape Design Principles



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Landscape Design Principles

Repetition Refers To The Repeated Use Of Features Like Plants With Identical Shape, Line, Form, Texture And/or Color

Landscape Design Principles



Landscape Design Principles

**Too Much Repetition Creates
Monotony But When Used
Effectively Can Lead To Rhythm,
Focalization Or Emphasis**

Landscape Design Principles



Landscape Design Principles

**Unity Can Be Achieved By
Repetition. Think Of Repetition
Avoiding Too Much Variety In The
Design That Creates A Cluttered Or
Busy Appearance**

Landscape Design Principles



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Landscape Design Principles

**Simplicity Goes Hand-in-hand With
Repetition. Eliminating
Unnecessary Details Creates It.
Too Much Variety Or Detail Creates
Confusion Of Perception**

Landscape Design Principles



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Landscape Design Principles

Simplicity Is The Reduction Of A Design To Its Simplest, Functional Form, Which Avoids Unnecessary Cost And Maintenance



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Landscape Design Principles

Line Relates To Eye Movement Or Flow. The Concept And Creation Of Line Depends Upon The Purpose Of The Design And Existing Patterns



Landscape Design Principles

In The Overall Landscape, Plant Arrangement And The Way They Fit Or Flow Together Infer Line

Landscape Design Principles



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Landscape Design Principles

**Straight Lines Tend To Be
Forceful, Structural And Stable
And Direct The Observer's Eye To
A Point Faster Than Curved Lines**

Landscape Design Principles



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Landscape Design Principles

**Create Vertical Line By Changes In
Plant Height And The Height Of
Tree And Shrub Canopies**

Landscape Design Principles



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Landscape Design Principles

**Branching Habits Of Plants,
Arrangement Of Leaves And/or
Sequence Of Plant Materials Create
Line In A Small Area Such As An
Entrance Or Privacy Garden**

Landscape Design Principles



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Landscape Design Principles

- **Blending These Together, Without Undue Emphasis On Any One Creates An Attractive And Usable Landscape That Is Easy To Maintain And Enjoy**

The End



For More Information Contact Your
Local Utah State University
Extension Office





Check Them Out At
<http://extension.usu.edu/>