



# LANDSCAPE ARCHITECTURE

## Merit Badge Requirements

- 1) Explain the differences between a landscape architect and a horticulturist, a landscape contractor, an architect, an urban planner, and a civil engineer. Give an example of the work each might do that is unique to that vocation. How might people in these positions work with a landscape architect?
- 2) Do ONE of the following:
  - A) Visit a landscape architect's office or invite a landscape architect to your troop meeting to tell about his or her work. Find our about and discuss the following with your merit badge counselor:
    - 1) What a landscape architect's daily work is like
    - 2) The education one must have to be a professional landscape architect
    - 3) The methods used in developing a design
    - 4) The drawing tools and computer equipment used in design.
  - B) Log on to the American Society of Landscape Architects' Web site at <http://www.ASLA.org> and find out more about the landscape architecture profession and schools that educate landscape architects. Using documents printed from this Web site, report to your counselor what you have learned.
- 3) Go to a completed landscape project that a landscape architect has designed. Before you visit the site, obtain a plan of the design from the landscape architect if one is available.
- 4) Make a report in the form of a short talk to your Scout troop on what you found in requirement 3. Discuss the following:
  - A) Tell whether the design had separate spaces, a clear path system, and sun and shade variety.
  - B) Tell about the places to sit, eat, or park a car.
  - C) Tell whether you were always comfortable and protected.
  - D) Tell about some of the trees, shrubs, and ground covers used in the design.
- 5) Identify five shrubs, five trees, and one ground cover, being sure that you select examples of different shapes, sizes, and textures. With the help of your counselor or a local nursery, choose plants that will grow in your area. Bring pictures of the different planting materials or, if possible, examples of their branches, leaves, or flowers to a troop meeting. Be prepared to tell how you might use each in the design of a landscape.
- 6) Look at and study a place of worship or school grounds to find the place where most people arrive by bus or car. Show you can do the following:
  - A) Using a measuring tape, measure and draw the entry and its nearby area using a scale of 1/8 inch equal to 1 foot on an 11-by-17-inch piece of paper. Be sure to include the driveway and the wall and door where people enter the school or place of worship. Indicate any sidewalks, structures, trees, and plants within the study area. Make a copy of this plan to save the original. Do the next two items on copies.
  - B) On one copy, use directional arrows to indicate where the water drains across the site, where ditches occur, and where water stands for a longer period of time.
  - C) Decide on how you can make the place safer and more comfortable for those using it. Redesign the area on another copy of the plan. You may want to include new walks, covered waiting areas, benches, space-defining plantings of trees and shrubs, and drainage structures.

**Requirement 1**

Explain the differences between a landscape architect and a horticulturist: \_\_\_\_\_

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What does a landscape contractor do? \_\_\_\_\_

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Give an example of the work that a landscape contractor might do that is unique to that vocation: \_\_\_\_\_

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How might a landscape contractor work with a landscape architect? \_\_\_\_\_

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What does an architect do? \_\_\_\_\_

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Give an example of the work that an architect might do that is unique to that vocation: \_\_\_\_\_

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How might an architect work with a landscape architect? \_\_\_\_\_

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What does an urban planner do? \_\_\_\_\_

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Give an example of the work that an urban planner might do that is unique to that vocation: \_\_\_\_\_

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How might an urban planner work with a landscape architect? \_\_\_\_\_

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What does a civil engineer do? \_\_\_\_\_

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Give an example of the work that a civil engineer might do that is unique to that vocation: \_\_\_\_\_

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How might a civil engineer work with a landscape architect? \_\_\_\_\_

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## Requirement 2

You have been given two options for this requirement. Select and complete ONE of them.

If you selected *Option A*:

Visit a landscape architect's office or invite a landscape architect to your troop meeting to tell about his or her work. From your meeting with the landscape architect, answer the following questions below.

Who did you speak with? \_\_\_\_\_

Did you visit their office or did you have them visit your troop meeting? \_\_\_\_\_

What is a landscape architect's daily work life like? \_\_\_\_\_

\_\_\_\_\_

What kind of education must you have to be a professional landscape architect? \_\_\_\_\_

\_\_\_\_\_

What are the methods used in developing a design? \_\_\_\_\_

\_\_\_\_\_

What kinds of drawing tools and computer equipment do they use in design? \_\_\_\_\_

\_\_\_\_\_

If you selected *Option B*:

Log on to the American Society of Landscape Architects' Web site at <http://www.ASLA.org> and find out more about the landscape architecture profession and schools that educate landscape architects. Using documents printed from this Web site, report to your counselor what you have learned.

Give a brief summary about what you found out about the landscape architecture profession: \_\_\_\_\_

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\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

What schools did you find that educate landscape architects? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_ Take your printouts to your counselor and discuss.

### Requirement 3

Go to a completed landscape project that a landscape architect has designed. Before you visit the site, obtain a plan of the design from the landscape architect if one is available.

Tell the name and describe the landscape project that you visited: \_\_\_\_\_

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Were you able to obtain a plan of the design from the landscape architect? YES NO

### Requirement 4

Make a report in the form of a short talk to your Scout troop on what you found in requirement 3. Make sure you discuss the following:

Tell whether the design had separate spaces, a clear path system, and sun and shade variety: \_\_\_\_\_

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Tell about the places to sit, eat, or park a car: \_\_\_\_\_

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Tell whether you were always comfortable and protected: \_\_\_\_\_

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Tell about some of the trees, shrubs, and ground covers used in the design: \_\_\_\_\_

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Give the date you gave this talk to your Scout troop: \_\_\_\_\_

## Requirement 5

Use the space provided below to identify five shrubs, five trees, and one ground cover. Be sure that you select examples of different shapes, sizes, and textures. Choose plants that will grow in your area. Also, tell how you might use each in the design of a landscape.

### SHRUB IDENTIFICATION

Shrub Identification #1: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this shrub in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Shrub Identification #2: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this shrub in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Shrub Identification #3: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this shrub in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Shrub Identification #4: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this shrub in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Shrub Identification #5: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this shrub in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Provide photos of the different shrubs or, if possible, examples of their branches, leaves, or flowers to a troop meeting.

Scout Name: \_\_\_\_\_ Unit #: \_\_\_\_\_ Date: \_\_\_\_\_

**TREE IDENTIFICATION**

Tree Identification #1: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this Tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

Tree Identification #2: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this Tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

Tree Identification #3: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

Tree Identification #4: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

Tree Identification #5: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Provide photos of the different trees or, if possible, examples of their branches, leaves, or flowers to a troop meeting.

**GROUND COVER IDENTIFICATION**

Ground Cover Identification #1: \_\_\_\_\_

Shape: \_\_\_\_\_ Size: \_\_\_\_\_ Texture: \_\_\_\_\_

How might you use this tree in the design of a landscape? \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Provide photos of the ground cover or, if possible, examples of its branches, leaves, or flowers to a troop meeting.

## Requirement 6

Look at and study a place of worship or school grounds to find the place where most people arrive by bus or car.

Name the place you selected for this requirement: \_\_\_\_\_

Do the following:

\_\_\_ Using a measuring tape, measure and draw the entry and its nearby area using a scale of 1/8 inch equal to 1 foot on an 11-by-17-inch piece of paper.

\_\_\_ Be sure to include the driveway and the wall and door where people enter the school or place of worship.

\_\_\_ Indicate any sidewalks, structures, trees, and plants within the study area.

\_\_\_ Make a copy of this plan to save the original. Do the next two items on copies.

\_\_\_ On one copy, use directional arrows to indicate where the water drains across the site, where ditches occur, and where water stands for a longer period of time.

\_\_\_ Decide on how you can make the place safer and more comfortable for those using it. Redesign the area on another copy of the plan. You may want to include new walks, covered waiting areas, benches, space-defining plantings of trees and shrubs, and drainage structures.

\_\_\_ Once you have completed this requirement take your 3 drawings to your counselor and show them what you have done.