

# HOMESITE EVALUATION

## 3 or 4 Member Team

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### I. Purpose

It has long been said that soil is our most basic natural resource. Not only agriculture, but also life on earth is dependent upon the wise use of soil. The Home Site Evaluation Career Development Event introduces students to non-agronomic use of land including, but not limited to, the suitability of various types of land for building sites, home sanitation systems, impoundment structures, lawns and other construction considerations.

### II. Event Format

#### A. Team Make-up

1. An entry may consist of either 3 or 4 participants. The high three team member scores will be combined for the Team Score. The low score will be considered an alternate, only eligible for individual awards.
2. Members of a team having competed at the National Homesite Evaluation Event are ineligible for future competitions at the State CDE.

#### B. Equipment

1. Team members must provide their own compliant transparent plastic clipboard and/or clean folder with the following items: scan sheet, and/or copy of the scan sheet, optional Texas FFA CDE drop sheet, and/or 2 sheets of lined or unlined blank paper.
2. A clear plastic bag may be used to keep materials clean and dry when inclement weather threatens.
3. No books, paper, rulers, or other materials are needed or permitted
4. #2 pencils and the most current Homesite Scan Sheet must be furnished by the contestant.
5. Knives to assist in locating soil horizons are permitted.
6. A hand towel or rag may be used for cleaning contestant's hands.
7. Answers will be provided when the event has concluded and advisors may review the sites with their teams.

#### C. Event Schedule and Location

1. 20 minutes will be allowed to evaluate each site.
2. An additional five minutes will be allotted at the last rotation to complete paperwork.
3. This is an outdoor event. Students should be appropriately dressed in compliance to state CDE standards and in attire suitable for this activity.

### III. Event Format

1. Four different home sites will be evaluated.
2. Advisors are NOT allowed to accompany participants to the sites.
3. A pit will be excavated at each site.
4. Contestants will evaluate each site in two parts.

Part I - Evaluation of Land class factors (9 considerations /3 points each /27 points/site)

1. Texture-surface
2. Permeability subsoil
3. Depth of Soil
4. Slope
5. Erosion
6. Surface Runoff
7. Shrink-Swell
8. Water Table (permanent or temporary)

Part II - Suitability of the site for the installation enhancements based upon the Land class evaluation criteria (35 considerations /2 points each /70 points/site)

#### IV. Scoring

	Part I	Part II
Site One	27	70
Site Two	27	70
Site Three	27	70
Site Four	27	70
<b>Totals</b>	<b>1164 Points/Team</b>	<b>388 Points/Individual</b>

#### V. Tiebreakers

- A.** If ties occur for Team awards, they shall be broken as follows:
- a. The team with the highest score on site one, part I wins or if still tied,
  - b. The team with the highest score on site one, part II wins or if still tied,
  - c. The team with the highest score on site two, part I and etc. wins.
  - d. In the event that the ties are unbreakable in the manner above, the team with the highest alternate score will be the winner.
- B.** If ties occur for Individual awards, they shall be broken as follows:
- a. The individual with the highest score on site one, part I wins or if still tied,
  - b. The individual with the highest score on site one, part II wins or if still tied,
  - c. The individual with the highest score on site two, part I and etc. wins.
  - d. In the event that the ties are unbreakable in the manner above, the individual will be accompanied by their advisor and will meet with contest officials who will conduct a coin toss to determine the higher placing individual.

#### VI. References

Landjudging.com, "Oklahoma Land Judging Made Easy".