

Additional Information for Ecology



Set up

- The event will take place in stations.
- Time at each station will be between 5 and 10 minutes.
- Students will not be allowed to move onto another station until the designated time period per station has expired.
- Students will not be allowed to go back to previous stations.

Section 3a

- "Defining variables" will include identifying independent variables, dependent variables and controls.
- "Analyzing data from graphs and tables" at C division level will definitely include making calculations based off information from the graphs and tables.
- Teams should be prepared to create a graph from given data. It should be labeled, titled and have the correct units.

Section 3b

- Every principle listed could have questions about it. None will be specifically excluded.
- Some questions will require the use of basic equipment, such as a triple beam balance, thermometer, light meter, etc.

Section 3c

- 50 percent of the questions will be on taiga and tundra biomes; however they may be in terms of the principles listed in 3a and 3b.
- Also, remember that there are two types of tundra: arctic and alpine.

Section 4

- The sample questions are good indicators of the difference in difficulty level between division B and C.
- Answers from division C teams should include more detail that demonstrates an in-depth understanding of the topics.

2011 Regional Competition

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