

Name: _____

Period: _____

Discovery Black Box (Scientific Inquiry)

Science → Inquiry and Engineering → Discovery Black Box

- 1) Read above the white blanks and start by filling in the white blanks with letters and numbers to create points.
- 2) Click on Plot.
- 3) Use the colored points to figure out which of the shapes in the box.
- 4) Try your answer or click for more data.
- 5) When you are correct, draw or circle the shape and have your screen checked.

The screenshot shows the 'Scientific Inquiry' interface. At the top left is the 'Discovery EDUCATION' logo. In the center is a 3D black box with two red question marks. Above the box is a coordinate grid with numbers 0-9 and letters A-J. Below the box is a data entry form with the text: 'Select data points and enter their coordinates in the boxes below. Use the format 5A, 7C, etc...'. The form has two rows of five input boxes each. Below the form are 'Plot' and 'Reset' buttons. To the right is a large coordinate grid with a key below it. The key shows a color scale from 0 (purple) to 8 (red). Below the grid is the text 'Height in cm'. At the bottom are navigation buttons: 'Start Here', 'Background', 'Questions', and 'Help'. An 'Internet Explorer' browser window is visible at the bottom.

