

Guidelines for Groupworthy Tasks

- Focus on central mathematical concepts/idea and relevant/important disciplinary concepts
- Open-ended and require complex problem-solving
- Multiple ways of showing competence
- Works better in a group - requires students interdependence
- Clear evaluation criteria

Example of Groupworthy Task

Our task is to use data to make a prediction about an unknown quantity: the height of a hypothetical female student. The scatterplot below is a graph of forearm length versus height for 20 female college students taking Introductory Statistics at Los Medanos College in Pittsburg, California, in 2009.

1. For a hypothetical female with a forearm of 10", based on the data set, what would you predict her height to be?
2. Based on the data set, what range would you include in your prediction that would make you feel confident that you included the female student's actual height?

Explain how you arrived at your predictions.

