

Discussion Diamond Graphic Organizer

Directions:

To begin, each group member chooses a corner of the Discussion Diamond and writes:

- their name and
- the top two criteria/constraints they personally think the group should change.

Round 1:

- Each person gets one minute to share their rankings and to talk about the justification for why they ranked the proposed change the way that they did.
- No interruptions, no questions from other teammates.

To be sure you are including justifications in your answer, use the following sentence starter:

Our design could be improved if we change _____ to _____ because_____.

Round 2:

- The whole team discusses freely with each other, asking questions to specific team members and adding any ideas you may have thought of when other team members presented their ideas.
- The goal is to come to a consensus as a team about which 2-3 proposed changes you think are important to investigate further.
- Write these two proposed changes in the center of the diamond.

Adapted from: Wingert, K. (2016). How can I foster curiosity and learning in my classroom? Through talk! *STEM Teaching Tools Initiative, Institute for Science + Math Education*. Seattle, WA: University of Washington. Retrieved from <http://STEMteachingtools.org/brief/35>

The diagram is a large diamond shape formed by four quadrants meeting at a central point. Each quadrant contains a set of labels and lines for student input. The central area of the diamond is labeled 'TEAM CONSENSUS:' and contains a section for 'Changes to investigate further' with two numbered lines.

Top-Left Quadrant:

Name : _____

Proposed Changes:

1. _____

2. _____

Top-Right Quadrant:

Name : _____

Proposed Changes:

1. _____

2. _____

Bottom-Left Quadrant:

Name : _____

Proposed Changes:

1. _____

2. _____

Bottom-Right Quadrant:

Name : _____

Proposed Changes:

1. _____

2. _____

Central Section:

TEAM CONSENSUS:

Changes to investigate further

1. _____

2. _____