

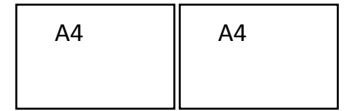


Your Mystery Challenge is composed of two tasks described below. The minimum number of participants are 5, maximum 10. This is Task 1 / 2.

Building Bridges

Task 1:

Your task is to design and build a bridge. The bridge must cover a gap of at least 60 cm, be strong and creative. You will score points for the strength of the bridge and the height and span of the structure. See scoring criteria below for more information.



For your information
this is 60 cm.

You will have the following materials available:

- ◆ A packet of big index cards
- ◆ 80 straws
- ◆ 2 packet of twist ties
- ◆ 1 roll of tape
- ◆

You are NOT allowed to use the box as building material!

You will build this bridge in a an area on a stage assigned to your team. There can only be two students on the stage for every 10 minute building block. After 10 minutes the two builders will be replaced by two new builders from the team. The pairs cannot talk to each other but they can leave drawings (NO WRITING!) next to the structure for the next pair to come and continue. You will have 1 hour (6 x 10 minutes) to complete your bridge.



BUILDING RUBRIC

Judges award points based on the following criteria.

Span

Automatic 10 points awarded for meeting the 60 cm span requirement.

1 point deducted for every cm below the 60 cm span requirement. Maximum points that can be deducted is 10.

Height

1 point to be awarded for every 3 cm (to the nearest three) up to maximum of 12 points.

Strength

1 point to be awarded for every weighting block which the bridge will support up to maximum of 10 points.

Creativity of design

1 2 3 4 5 6 7 8

**** BREAK ****



Your Mystery Challenge is composed of two tasks described below. The minimum number of participants are 5, maximum 10. This is Task 2 / 2.

Task 2:

You also have to prepare and present a three to five minute presentation on the following topic:

What have you learned about the importance of communication during this challenge?

You'll have 20 minutes to prepare your presentation together.. This presentation must be given by 3—5 members of the team.

PRESENTATION RUBRIC

Judges award between one and eight points in every category. No half points allowed.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|---|---|--|---|---|---|--|---|
| Organi- sation of content | Audience cannot understand presentation because there is no clear sequence to the information. | | Audience has difficulty following presentation because information is not always presented using a logical structure. | | Team presents information mostly in a logical sequence which audience can follow easily. | | Team presents information consistently in a logical and engaging sequence which audience can follow without difficulty. | |
| Reflection & insight | Students show little degree of insight gained. | | Students show some degree of insight gained. | | Students show a very good degree of insight gained. | | Students show a great and varied degree of insight gained. | |
| Accuracy (i.e. grammar, choice of lexis and syntax) | Team makes many errors in language usage which often impede communication. | | Team has some problems with language usage which sometimes leads to confusion. | | Team usually uses language correctly and the occasional error does not impede communication. | | Team consistently uses language accurately and communicates content without problems. | |
| Fluency | Most team members hesitate and repeat frequently. | | Some team members have frequent problems with hesitation and have to repeat some of the language. | | Few team members show signs of hesitation and/or repetition without impeding communication of the overall message. | | All team members speak clearly and without hesitation or repetition. | |
| Pronun- ciation | Most team members struggle with pronunciation and intonation. Pronunciation not very clear and international listeners may have to work hard to understand. | | Some team members have problems with pronunciation and intonation. Pronunciation sometimes clear and most international listeners would be able to follow the content. | | Team members have few problems with pronunciation and intonation. Pronunciation usually clear and poses few comprehension problems for international listeners. | | All team members use natural and clear pronunciation and intonation coherent with the key message. Pronunciation would not cause comprehension problems in an international context. | |