



## Activity: Delivery Box



Grade Level(s)	Timeframe
3-5	90 - 180 min


### ABSTRACT


The bridge is out and your stuffie wants to go across the river to visit his friends and then come home again. Use pulleys and a box to deliver your stuffie and bring him back.


Time: 1.5 hrs Flexible, Can be done in several parts


Design/Build at home or in the classroom

### **EXTRA FILES**

 006\_2.docx

 006\_3.pdf

 006\_4.pdf

 006\_5.mp4

### **PREP NOTES**

1. Give students and teachers a “heads up” 5 min. long a few days ahead of time so they can alert the parents/guardians in case assistance/approvals are required, and to select a “stuffie” to go for the ride. The parent/guardian may also be required to help make a video if desired.
2. Ask students to save a tissue box to use, or start saving boxes early! One per student or small group.
3. Warn students that parent’s approval is required before putting fastenings into walls, decks, etc.
4. Discuss safety and safety zones. Zipline area must be clear of people and pets before delivery box is launched.

### **SUPPLIES AND EQUIPMENT**

- Students to provide their own stuffie.
- List assumes students have standard school supplies like scissors, glue, tape and markers.
- Materials Kit for each student or small group: (See notes in Details)
- 1 tissue box (start saving them ahead of time!)

## 006 - Delivery Box - Rev 1

- ❑ 1 3/4" pulley (\$2-3 at hardware store)
- ❑ 1 carabiner
- ❑ ~3 m wool string or yarn (bright colour)
- ❑ ~3 m jute string or twine
- ❑ 1 pair of disposable chopsticks (or other craft sticks)
- ❑ stickers (optional) for box decoration/identification

### **GETTING READY**

See uploaded file.

For in-class learning, students are in groups of about 4, and for at-home learning, I teach the same lesson twice to half-size classes. Actually I found that smaller groups and shorter lessons worked much better for the virtual, at-home format.

Inexpensive carabiners are substitutes for additional pulleys. Other items could work, but would have to be tested with the string or twine chosen. I found that my strings tended to get twisted around thin metal objects and "caught" on rougher plastic ones. There is also the "wow" factor of handling a "real thing."