

SCORECARD: Care Package Launch (Grades 5, 7)

+ DIRECTIONS

Provide your teacher with the team scorecard when you are ready to test your prototype. Your teacher will complete the chart below by circling the scores your prototype received for each of the criteria. Your teacher will calculate your score. Decide as a team if you can improve your score.

| CRITERIA | POINTS | | | SCORE |
|---------------------------------|--|---|---|-------|
| | 2 | 1 | 0 | |
| COLLABORATION | The design has elements contributed by all team members. | The design has elements contributed by two team members. | The design does not have elements contributed by each team member. | |
| CARE PACKAGE SEAT | The catapult has a seat for the care package without assistance on launch. | The catapult has a seat for the care package but requires assistance on launch. | There is no seat for the care package. | |
| LANDING ACCURACY | The care package lands in both target locations in 5 tries. | The care package lands in one target location in 5 tries. | The care package does not land in any target location in 5 tries. | |
| USABILITY | The catapult is structurally sound and the same after 5 tries. | The catapult is usable, but some parts break down after 5 tries. | The catapult cannot be used anymore. | |
| LEVER | The catapult includes both a beam and a fulcrum. | The catapult includes either a beam or a fulcrum. | The catapult does not include a lever. | |
| MATERIALS USED | The catapult is comprised of at least 3 different materials. | The catapult is comprised of at least 2 different materials. | The catapult is comprised of only 1 material. | |
| BUDGET USED | \$50 or less. | \$51 - \$100. | \$101 or more. | |
| BONUS POINTS: JUMBO DROP | The jumbo care package lands in both target locations in 5 tries. | The jumbo care package lands in one target location in 5 tries. | The jumbo care package does not land in any target location in 5 tries. | |
| TOTAL SCORE | | | | |