**Pringle Packaging Lab**

Your task:

Using materials provided and materials your group may choose to purchase design a package that will allow a single pringle chip to meet specific survivability tests that would then allow your group to put the package in the mail and the pringle chip would arrive at its destination in its original state.

Each group gets the following:

* One 9” x 12” envelope.
* 3 pringle chips. Two are for testing and one is for the final evaluation.
* Evaluation sheet
* Shopping list

1. Brainstorm with your group. Consider the survivability tests.
2. Come up with a design.
3. Present your design and shop for materials. You may not return any purchased items.
4. Package your pringle.
5. Test - must be able to check quickly whether the pringle is still intact.
6. Repeat steps 3-5 as needed, but watch your overall budget.
7. Final evaluation.

Shopping List

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| --- | --- |
| Packing Peanuts | $2 per cup |
| Bubble Wrap | $3 per 1 sq. ft. |
| Paper | $0.50 per 8.5”x11” piece |
| Shredded Paper | $2 per cup |
| Scotch Tape | $1 per foot |
| Duct Tape | $1 per half foot |
| Saran Wrap | $2 per sq. ft. |
| Cotton Balls | $3 per cup |
| Aluminum Foil | $4 per sq. ft. |
| Styrofoam block | $1 per cubic inch |
| Extra Pringles for Testing | $4 per pringle |