

# Planning & Carrying Out Investigations Activity #3: Pringles Challenge

Using the Pringles Challenge, students plan and carry out an investigation to create a Pringles shipping container. Emphasis needs to be placed on PLANNING and CARRYING out the investigation. Using a medium agreed upon by the teacher, such as a narrative, oral report, presentation, etc., students create a plan. The plan could include, but is not limited to, the following:

- Introduction
- Necessary materials
- Step-by-step plan for their Pringles shipping container
- Description of the data collection
- Timeline of the investigation
- Example of data collection strategy (tables, graphs, etc.)
- How the results will be reported

Students then carry out the investigation and share the results.

## Related Crosscutting Concepts:

- [Cause & Effect](#)
- [Scale, Proportion & Quantity](#)
- [Systems & System Models](#)
- [Structure & Function](#)

## Related Disciplinary Core Ideas:

- [Core Idea PS2: Motion and Stability: Forces and Interactions](#)
  - [PS2.A: Forces and Motion](#)

- [PS2.B: Types of Interactions](#)
- [Core Idea ETS1: Engineering Design](#)
  - [ETS1.A: Defining and Delimiting an Engineering Problem](#)
  - [ETS1.B: Developing Possible Solutions](#)
  - [ETS1.C: Optimizing the Design Solution](#)