Engage:

Let students know that we will be continuing on our investigation of designing an energy bar. We are now in the phase of designing a wrapper for the energy bar.

Explore:

Have students read through the handout and design their methods for data collection and analysis. Students are guided to design a net model for three figures.

Explain:

Have students justify with mathematical reasoning why their design for the energy bar wrapper is the most efficient.

Elaborate:

Discuss as a class the process that a company such as Nike goes through when designing and proposing a plan for a new energy bar.

Evaluate:

Before students leave on the third day of this investigation, make sure they have completed their “Exit Ticket”.