

Income Statement Escape Room

A Group Activity

Teacher's Guide

Learning Goals

This activity is designed to help students calculate a merchandising business's profitability (i.e., create their income statement) while engaging in an escape room experience.

Student Level

This activity is recommended to accompany discussion of merchandising businesses. However, it is appropriate for middle school or high school students who have not prior knowledge of accounting or bookkeeping.

Activity Overview

After an introductory lecture about profits and the multi-step income statement, students (in groups of 2-3) will categorize 12 transaction cards into 4 categories. Once categorized, the students will visit a virtual escape room (a Google sheet), and use dollar amounts from the categories to open five virtual locks and escape! Time will depend on the level of students, but can range from 50 to 100 minutes.

Digital Resources Provided

- This teacher's guide
- 2 PowerPoints and 2 lecture notes
 - A pre-activity lecture on calculating net income or profits in a merchandising business: [1 ISEscape PreActivity.pptx](#) and [1 ISEscape PreActivity \(notes\).pdf](#)
 - A post-activity lecture on understanding the income statement of a merchandising business: [2 ISEscape Postactivity.pptx](#) and [2 ISEscape PostActivity \(notes\).pdf](#)
- [IS Escape Google Sheets](#), a zipped file with 10 Google Sheets (these are the virtual escape rooms)
- [IS Escape Group Materials](#), a zipped file with 10 sets of materials for 10 different groups (each group has a different answer)
- [Hints.pdf](#), 5 hints, one for each lock
- [Solution.pdf](#), one document with the lock combinations for each of the 10 escape rooms

Lecture notes are not intended to be a script. The notes cover additional material that may be included on each slide.

Resources Needed (not provided)

- Calculator, one per group
- Paper or cardstock for printing materials
- Computers for each group with Internet access

Preparing the Activity

- Download the zipped file IS Escape Google Sheets. Unzip it and copy the 10 google sheets to a Google Drive. For each google sheet do the following:
 - Copy the share link for that file
 - Turn on sharing for anyone with the link
- Download the zipped file IS Escape Group Materials. Unzip the file. There are 10 similar, but not identical files, each 5 pages. For each file do the following:
 - Print the file.
 - Cut them into quarters and arrange the 20 quarter sheets as follows: kiosk cover, instructions, 4 category cards, 12 transaction cards. Clip them together or put them in a ziplock bag to keep each stack separate. (Note: there will be two blank quarter sheets, which you can discard.)
 - Write the share link for the Google Sheet on the instruction page in the space provided. Be sure to match up Group 01 instruction with the Group 01 Google Sheet.
- Download and print the Hints.pdf. Fold each page so the last hint is not visible immediately.
- Download and print the Solutions.pdf for yourself.
- Download the PowerPoints and related notes.

Suggested Implementation

1. Deliver the Pre-Activity PowerPoint
2. Form groups of 2-3 students
3. Give each group a packet of materials and review the instructions with them.
4. Students do the activity.
5. When students are stuck on a lock, allow them to read the hint for that lock.
6. After all students have escaped (opened all 5 locks), deliver the Post-Activity PowerPoint.