

PS: General Problem Solving with Computational Thinking

[Re-submit Assignment](#)

Due No Due Date **Points** 10 **Submitting** a file upload



The purpose of this short exercise is to gain fluency with computational thinking, as well as explore problem solutions that combine multiple models. Here, you will collaborate to create a school fire drill procedure, using the characteristics of computational thinking as well as the IDOE engineering process model.

Do not spend more than 15 minutes max on this exercise; produce only a process with bulleted steps; and do not include more than 10 steps. **By each step, indicate what engineering process model and/or computational thinking characteristic is reflected.**

For example, one of your steps might be to communicate with other school districts that have unfortunately experienced a real fire and successfully executed a fire drill process. This would meet the step of examining sample instances (from the engineering design process).

Although all participants may submit the exact same process (with identical bulleted list items), all students must submit individual files.