

STEM Showdown

An Adelaide University, School of Education
STEMpire program

Enter If You Dare

Name: _____

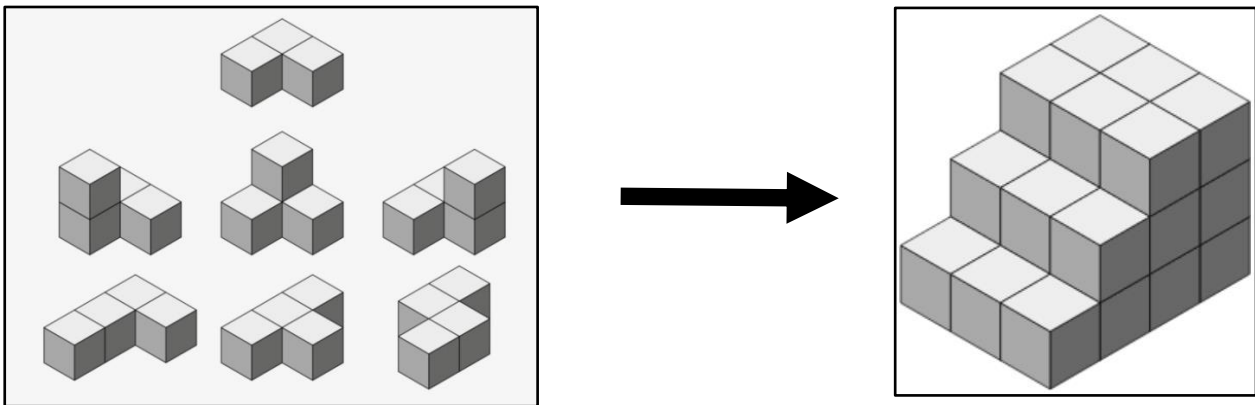
The STEM Showdown is a series of STEM challenges to solve by the end of the season. You can complete the tasks individually or in small groups (up to 3 people). Make sure you write all the names of the people in your group above. The student with the most tasks completed over the season will be crowned the Adelaide University STEM Showdown Champion. Good Luck.

Enter If You Dare

You have been locked in the playground, and the fence is impossible to climb. You will need to build steps to allow you to get out and get back to your class on time.

Your Task

- You will be supplied with 7 puzzle pieces
- Make the step shape below using all the pieces



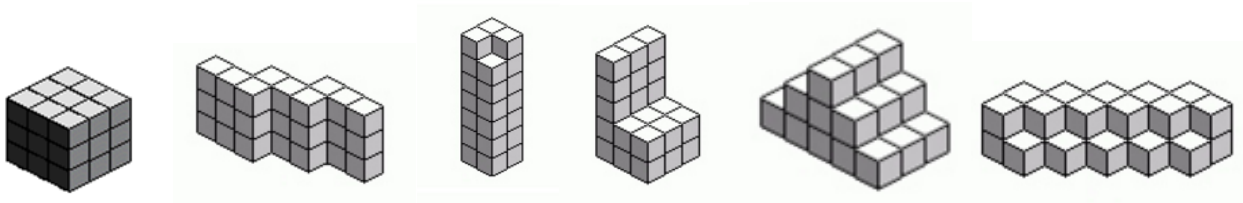
- Once you have made the step shape get your sheet signed below

STEM Showdown Umpire Comments	Completed (STEM Showdown Umpire to sign)


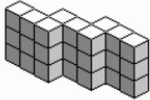
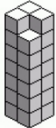
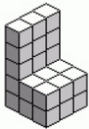
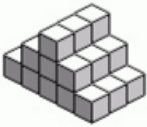
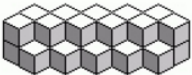
Extension task

Once you have completed the task you can try the extension activity.

How many of the following shapes can you make using the same seven pieces?



For each shape you make get the umpire to sign the sheet below.

STEM Showdown Umpire Comments	Completed (STEM Showdown Umpire to sign)
	
	
	
	
	
	

Make sure you hand up your signed sheet to the umpire at the end of the session to have your points allocated to the leaderboard