

## Computer In A Box: Supplemental Activities for Module 8

These activities are designed to provide students with an opportunity to touch and feel the internal components of a computer. They will also learn to identify characteristics and features of the devices. The “Computer in a Box” Kit is a safe way for students to experience the insides of the system unit.

MOUSE Squad Student Guide readings and activities are included as a resource.

<b>Activity</b>	<b>Lesson Name</b>	<b>Resources</b>
MSCA Activity 1	Identifying internal computer devices <i>Students will learn how to identify internal devices by sight and research</i>	“Computer in a Box” teacher’s kit Activity 1 worksheet
MSCA Activity 2	Identifying motherboard components Comparing components on different form factors <i>Students will learn to identify motherboard components by sight and research</i>	1 motherboard from “Computer in a Box” teacher’s kit Activity 2 worksheet
MSCA Activity 3	Connecting devices to motherboard components <i>Students will learn how and which devices to connect to motherboard components</i>	“Computer in a Box” Student kit Activity 3 worksheet
MSCA Activity 4	Safety Guidelines Replacing cards and memory <i>Students will remove and replace case covers, cards and memory after reviewing safety guidelines</i>	Student Guide pgs 104-105 Computer for removing and replacing cards and memory Activity 4 worksheet
MSCA Activity 5	Challenge Replacing storage devices <i>Students will learn how to remove and replace internal storage devices</i>	Student Guide pgs 103 & 106 Computer for removing and replacing hard, floppy & CD/DVD drives

