

ENTERING ELECTRONICS SCORE SHEET

Complete **three** (3) required and **four** (4) “Brain Booster” activities in the Entering Electronics Achievement Program each year. Complete the program in three years. If you do additional activities, please **check** (✓) the **seven** (7) activities you want to be graded. Record in your Entering Electronics notebook the what, when, where, and how you accomplished each selected “Brain Boosters” activity. Include your notebook with your project book for grading.
(Maximum: 42 points only.)

	Possible Points	Score First Year	Score Second Year	Score Third Year
Activity 1: What is This and That?				
___ Identifying electronic parts (pages 6-7)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 7)	<u>6</u>	_____	_____	_____
Activity 2: Hunting for Electronic Wizards				
___ Identifying electronic devices (pages 8-9)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 9)	<u>6</u>	_____	_____	_____
Activity 3: How Many and How Much?				
___ Acquiring electronic parts (pages 10-11)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 11)	<u>6</u>	_____	_____	_____
Activity 4: Hot Wire Hook-ups				
___ Soldering and preparing parts (pages 12-13)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 12)	<u>6</u>	_____	_____	_____
Activity 5: The Capacity to Resist				
___ Learning how to read codes (pages 14-17)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 17)	<u>6</u>	_____	_____	_____
Activity 6: Diodes—One Way Only!				
___ Connecting diodes in circuits (pages 18-20)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 20)	<u>6</u>	_____	_____	_____
Activity 7: Dim Your Bright Lights!				
___ Assembling a circuit (pages 21-23)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 23)	<u>6</u>	_____	_____	_____
Activity 8: Does Your LED Glow?				
___ Testing for voltage and polarity (pages 24-25)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 25)	<u>6</u>	_____	_____	_____

Activity 9: How Fast Do I Blink?				
___ Assembling a LED circuit (pages 26-27)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 27)	<u>6</u>	_____	_____	_____
Activity 10: Gotcha!				
___ Understanding how photocells react (pages 28-29)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 29)	<u>6</u>	_____	_____	_____
Activity 11: My! How Bright is the Light?				
___ Demonstrating how a semiconductor can generate a current flow (pages 30-31)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 31)	<u>6</u>	_____	_____	_____
Activity 12: Surprise! Surprise!				
___ Making an intruder alarm (pages 32-33)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 33)	<u>6</u>	_____	_____	_____
Activity 13: More Volume, Please!				
___ Building a 6—8 Watt amplifier (pages 34-36)	<u>6</u>	_____	_____	_____
___ Brain booster activity (page 36)	<u>6</u>	_____	_____	_____
My Own “Brain Boosters” Activities				
___ _____	<u>6</u>	_____	_____	_____
___ _____	<u>6</u>	_____	_____	_____
___ _____	<u>6</u>	_____	_____	_____
___ _____	<u>6</u>	_____	_____	_____
Entering Electronics				
Planning Guide (page 4)	<u>6</u>	_____	_____	_____
Achievement Program (page 5)	<u>2</u>	_____	_____	_____
Exhibit: (Maximum 30 points only)	<u>30</u>	_____	_____	_____
A poster or display on two electric activities completed this year in the Entering Electronics project plus your “Brain Boosters” activities notebook and project book.				
Activity Record	<u>20</u>	_____	_____	_____
Total Score	<u>100</u>	_____	_____	_____

Judges Comments: _____
