

# Hudsonville Fair

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## Department 41 - 4H MECHANICAL SCIENCE

Learning Objective: To encourage youth to develop and enhance their mechanical science skills. Entry in these notebook classes is limited to youth under the age of 19 on January 1<sup>st</sup>.

### **Section 1 - SMALL ENGINES**

		A	B	C	
Class	9301	Small engines Notebook & Display of Parts of Engine, must be labeled – 1 <sup>st</sup> year members	\$3.50	\$2.75	\$2.00
Class	9302	Small Engines Notebook & Small Engine which has been built and/or repaired – 2 <sup>nd</sup> year members	\$3.50	\$2.75	\$2.00

### **Section 2 - AUTOMOTIVE**

Class	9311	Notebook on Engine & Parts of a Car, to be labeled on a poster – 1 <sup>st</sup> year members	\$3.50	\$2.75	\$2.00
Class	9312	Notebook & Poster or Display showing all Working Components of an Automobile – 2 <sup>nd</sup> year members	\$3.50	\$2.75	\$2.00
Class	9313	Notebook on Current & Past Automobile Body Styles & Engines. To include at least 50 models – 3 <sup>rd</sup> year	\$3.50	\$2.75	\$2.00

### **Section 3 - BICYCLE**

Class	9321	Notebook to include the History of Bicycles, a Poster or Display labeling & displaying knowledge of Riding Rules.	\$3.50	\$2.75	\$2.00
Class	9322	Rebuilt Bicycle with Report on all changes and improvements made	\$3.50	\$2.75	\$2.00

### **Section 4 - ELECTRIC**

Class	9331	Notebook showing Principles of Electricity and small homemade project	\$3.50	\$2.75	\$2.00
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### **Section 5 - AEROSPACE**

Class	9341	Notebook and Poster or Display which describes the History of Aviation. Must also include Description of Aero-Dynamics	\$3.50	\$2.75	\$2.00
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### **Section 6 - WOOD SCIENCE**

Class	9351	Item made of Wood (not pre-cut) – 1 <sup>st</sup> & 2 <sup>nd</sup> year members	\$3.00	\$1.75	\$1.25
Class	9352	Item made of Wood (not pre-cut) – with Finish – 3 <sup>rd</sup> & 4 <sup>th</sup> year members	\$3.50	\$2.50	\$1.50
Class	9353	Item made of Wood – Furniture – 5 <sup>th</sup> year members & above	\$4.00	\$3.00	\$2.00
Class	9355	Wood burning – any item	\$3.00	\$1.50	\$1.00