

<b>Aeronautics Educator Guide</b>			
<b>2000 Mathematics</b>			
<b>Curriculum Frameworks</b>			
<b>Massachusetts Mathematics</b>			
<b>Grades 1-2</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Rotor Motor (69-75)	MA	MA.1-2.2.D.2	Organize, classify, represent, and interpret data using tallies, charts, tables, bar graphs, pictographs, and Venn diagrams; interpret the representations.
Flight: Interdisciplinary Learning Activities (76-79)	MA	MA.1-2.2.D.2	Organize, classify, represent, and interpret data using tallies, charts, tables, bar graphs, pictographs, and Venn diagrams; interpret the representations.
Dunked Napkin ( 17-22)	MA	MA.1-2.2.D.1	Use interviews, surveys, and observations to gather data about themselves and their surroundings.
Wind in Your Socks) (29-35)	MA	MA.1-2.2.M.5	Select and correctly use the appropriate measurement tools, e.g., ruler, balance scale, thermometer.
Wind in Your Socks) (29-35)	MA	MA.1-2.2.D.1	Use interviews, surveys, and observations to gather data about themselves and their surroundings.
Sled Kite (44-51)	MA	MA.1-2.2.M.5	Select and correctly use the appropriate measurement tools, e.g., ruler, balance scale, thermometer.
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<b>2000 Mathematics</b>			
<b>Curriculum Frameworks</b>			
<b>Massachusetts Mathematics</b>			
<b>Grades 3-4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Rotor Motor (69-75)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.
Rotor Motor (69-75)	MA	MA.3-4.4.D.3	Construct, draw conclusions, and make predictions from various representations of data sets, including tables, bar graphs, pictographs, line graphs, line plots, and tallies.
Flight: Interdisciplinary Learning Activities (76-79)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.
Making Time Fly (80-86)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.
Dunked Napkin ( 17-22)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.

Paper Bag Mask (23-28)	MA	MA.3-4.4.M.5	Identify and use appropriate metric and English units and tools (e.g., ruler, angle ruler, graduated cylinder, thermometer) to estimate, measure, and solve problems involving length, area, volume, weight, time, angle size, and temperature.
Wind in Your Socks) (29-35)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.
Bag Balloons (40-43)	MA	MA.3-4.4.D.1	Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data.