

**Arts with Numeracy:
Music**

Name of Lesson/Unit: Categorizing Instruments	Subject and Grade: Music – Grades 1-3
Arts Expectations: Fundamental Concept – Timbre C2.2	Math Strand Connections: <ul style="list-style-type: none"> <input type="checkbox"/> Number Sense & Numeration <input type="checkbox"/> Measurement <input type="checkbox"/> Patterning & Algebra <input type="checkbox"/> Geometry & Spatial Sense <input checked="" type="checkbox"/> Data Management & Probability
<ul style="list-style-type: none"> <input type="checkbox"/> Warm-up (minds on) <input checked="" type="checkbox"/> Activity (one class) <input type="checkbox"/> Mini-unit (several classes) 	
Terminology String, woodwind, brass, percussion, electronic, pitched, non-pitched, attribute, graph.	Materials Post-it notes, 11x17 paper, pencils.
Learning Goal (<i>student-friendly language that can be shared with the students</i>): I can name musical instruments and organize them by their attributes.	
<ul style="list-style-type: none"> • Students are in groups and given a sheet of 11x17 paper, some post-it notes and a pencil each. • Give groups 5-10mins to write as many different instruments as they can on the post-it notes. One instrument per post-it. Post-its can be stuck on the 11x17 page, no categorizing at this point. • Once the time limit is over, groups can organize their instruments into 2 or more categories. Allow students to choose the categories. They need to divide the page up and give each of their categories a title. The teacher might need to suggest categories such as families, size, pitch. • Groups share their instrument categories with the rest of the class. Which attributes did they choose? Why? • Students create a graph to represent their instrument categories (bar graph, graphic organizer, pictographs etc). <p>➔ Math Strand Connection: Students will collect and organize their data into charts and will be able to read and understand this data.</p> <p>Extension Activities:</p> <ul style="list-style-type: none"> • Give students 4 attributes for them to categorize, e.g. strumming, shaking, striking and blowing. 	