

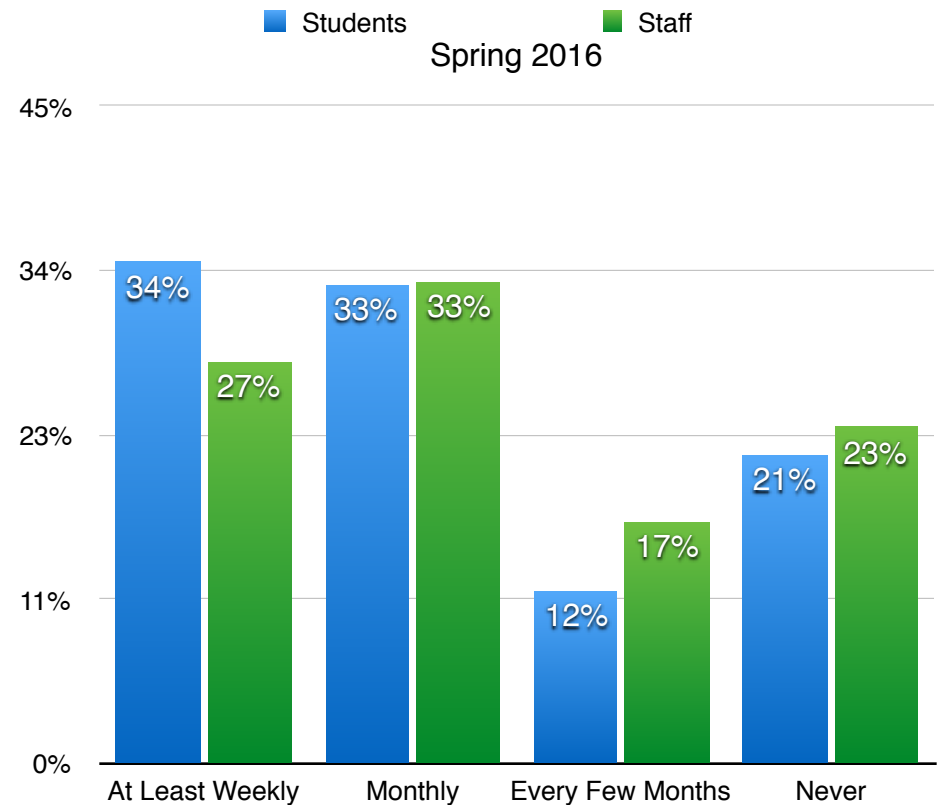
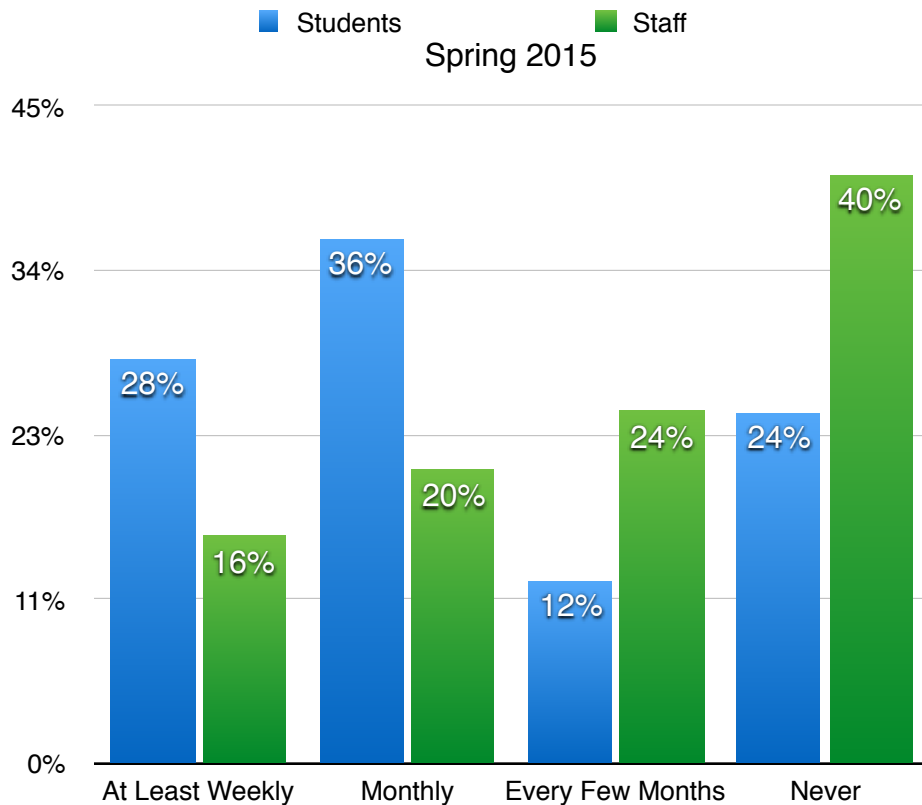
# Becker Public Schools - Critical Thinking

Spring 2015

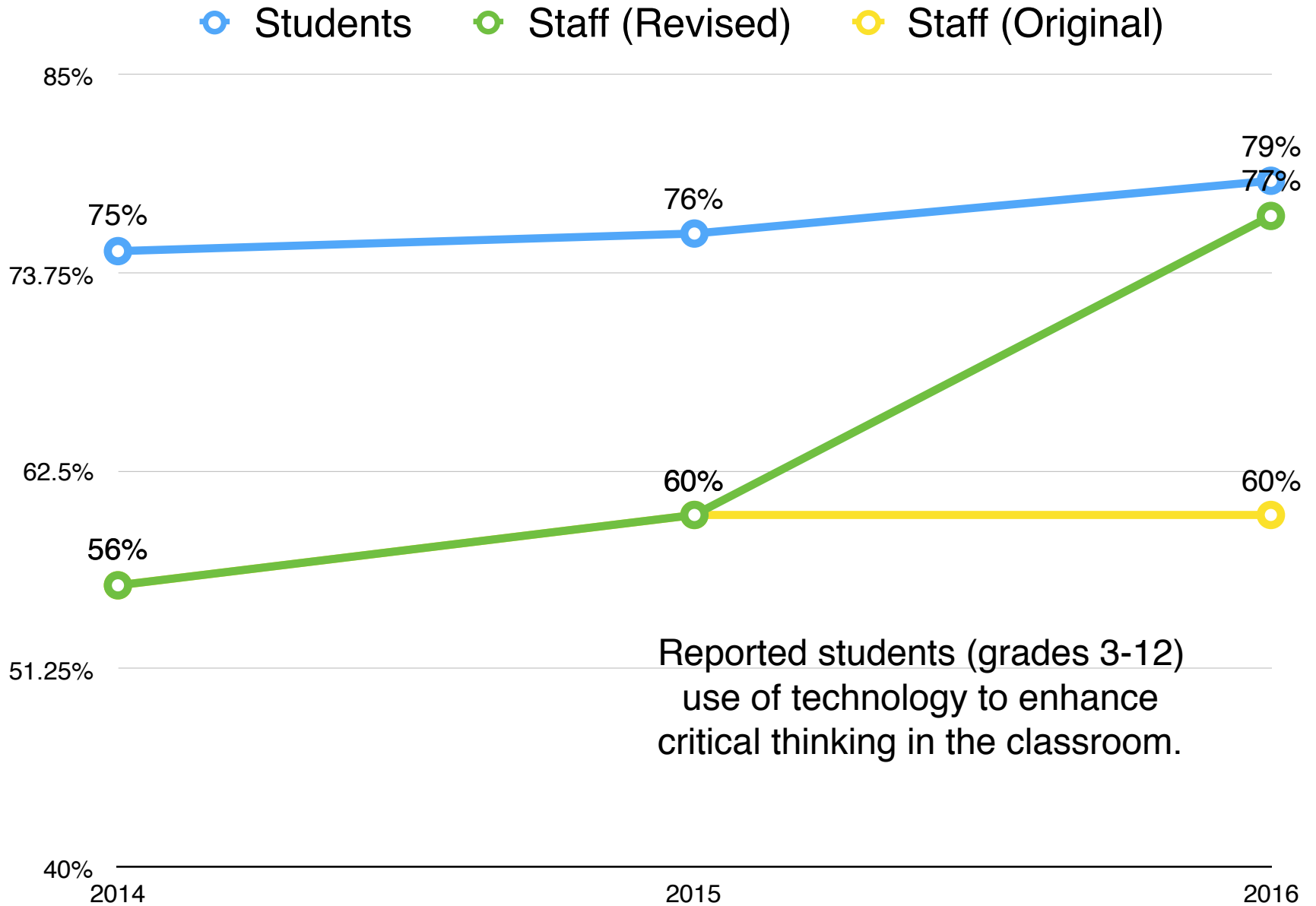
HS Students	At Least Weekly	Monthly	Every Few Months	Never	Totals
<b>District Total Student</b>	1724	2236	779	1500	6239
<b>Students</b>	28%	36%	12%	24%	100%
<b>District Total Staff</b>	54	70	84	140	348
<b>Staff</b>	16%	20%	24%	40%	100%

Spring 2016

HS Students	At Least Weekly	Monthly	Every Few Months	Never	Totals
<b>District Total Student</b>	2157	2055	740	1327	6279
<b>Students</b>	34%	33%	12%	21%	100%
<b>District Total Staff</b>	93	112	56	78	339
<b>Staff</b>	27%	33%	17%	23%	100%



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Survey Question	Examples Provided to Staff (Revised Survey)
<b>Ask students to collect and analyze data</b>	<ul style="list-style-type: none"> <li>• HS Chemistry collecting data with Google Sheets and/or Numbers</li> <li>• 5th grade - drops of water on a coin lab - recording results</li> <li>• STEAM students conducting experiments and measuring results</li> <li>• Physical education students collecting health related data</li> <li>• Students collecting information and recording on their iPads</li> </ul>
<b>Ask students to conduct experiments or perform measurements</b>	<ul style="list-style-type: none"> <li>• 5th grade students measuring water drops on a coin and documenting the results</li> <li>• LoggerPro and LabQuest with nearly all HS Science</li> <li>• Use of iPads with microscopes in HS science</li> <li>• Students recording measurements from labs on their iPads or on a computer.</li> </ul>
<b>Ask students to conduct research</b>	<ul style="list-style-type: none"> <li>• Web searches for projects (eg. History Day)</li> <li>• Research papers in Language Arts, Social Studies, etc... (All grades)</li> <li>• Native American History and Early Explorers (5th grade)</li> <li>• Regions of the United States (4th grade)</li> <li>• Animal research (3rd grade)</li> <li>• HS Forensics - research methods and practices</li> </ul>

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Survey Question	Examples Provided to Staff (Revised Survey)
<b>Ask students to identify and solve authentic problems</b>	<ul style="list-style-type: none"><li>• HS Science - Inquiry labs - students are given a problem and collaborate to find solutions</li><li>• Social Studies - discuss modern day problems - current events discussions</li><li>• STEAM students blogging about current events and potential solutions.</li><li>• Students having real conversations about topics online in Moodle and/or Edmodo</li><li>• Math students given story problems that are worked out and shared virtually.</li></ul>