

## Reporting Strand 10: Searching and Sorting

Standards	4 – Mastery	3 – Proficient	2 - Basic	1 – Below Basic	0 – No Evidence
IIIA-E, VB/C, VA23	<p>Can extend thinking beyond the standard, including tasks that may involve one of the following:</p> <ul style="list-style-type: none"> <li>• Designing</li> <li>• Connecting</li> <li>• Synthesizing</li> <li>• Applying</li> <li>• Justifying</li> <li>• Critiquing</li> <li>• Analyzing</li> <li>• Creating</li> <li>• Proving</li> </ul>	<p>Determine what sorts are most optimal for a given situation</p> <p>Write code that implements parts of the various searches and sorts</p>	<p>Identify the differences and relative running time of various searches and sorts</p>	<p>Identify the various sorts (Selection, Insertion, Mergesort) and searches (Sequential, Binary) and explain how they work</p>	<p>Little evidence of reasoning or application to solve the problem</p> <p>Does not meet the criteria in a level 1</p>