

Unit Title	Concept / Tool Type	Suggested Grades	California K-12 Computer Science Standards			
			Grade K–2		Grade 3–5	
<b>Sort It Out: Programming Robots to Recycle</b>  <i>This EiE for Kindergarten unit can be used with Computer Science Essentials units to create K–5 coverage for computer science.</i>	<b>Algorithms &amp; Programming / Robotics</b>	K–1	K-2.DA.8 K-2.AP.10 K-2.AP.11 K-2.AP.12 K-2.AP.13	K-2.AP.14 K-2.AP.15 K-2.AP.16 K-2.AP.17		
<b>Programming Robots</b>	<b>Computing Systems / Robotics</b>	K–2	K-2.AP.10 K-2.AP.11 K-2.AP.12	K-2.AP.13 K-2.AP.14	3-5.AP.13 3-5.AP.17 3-5.AP.18	
<b>Creating Animations</b>	<b>Algorithms &amp; Programming / Visual Programming</b>	K–2	K-2.CS.2 K-2.CS.3 K-2.DA.7 K-2.AP.10 K-2.AP.11	K-2.AP.12 K-2.AP.13 K-2.AP.14 K-2.AP.16	3-5.CS.1 3-5.CS.2 3-5.CS.3 3-5.DA.9 3-5.AP.10	3-5.AP.13 3-5.AP.15 3-5.AP.17 3-5.AP.18
<b>Building Automated Systems</b>	<b>Computing Systems / Visual Computing</b>	K–5	K-2.CS.2 K-2.CS.3 K-2.DA.7 K-2.AP.10 K-2.AP.11	K-2.AP.13 K-2.AP.14 K-2.AP.16 K-2.AP.17	3-5.CS.1 3-5.CS.2 3-5.CS.3 3-5.AP.10 3-5.AP.12	3-5.AP.13 3-5.AP.15 3-5.AP.17 3-5.AP.18
<b>Designing Computer Games</b>	<b>Impacts of Computing / Visual Programming</b>	3–5	K-2.CS.2 K-2.DA.7 K-2.AP.10 K-2.AP.11	K-2.AP.13 K-2.AP.14 K-2.AP.16 K-2.AP.17	3-5.CS.1 3-5.CS.2 3-5.DA.9 3-5.AP.10 3-5.AP.11 3-5.AP.12	3-5.AP.13 3-5.AP.14 3-5.AP.15 3-5.AP.17 3-5.AP.18
<b>Analyzing Digital Images</b>	<b>Data &amp; Analysis / Visual Programming</b>	3–5	K-2.CS.2 K-2.DA.7 K-2.AP.10 K-2.AP.13	K-2.AP.14 K-2.AP.16 K-2.AP.17	3-5.CS.1 3-5.CS.2 3-5.DA.9 3-5.AP.10 3-5.AP.11 3-5.AP.12	3-5.AP.13 3-5.AP.14 3-5.AP.15 3-5.AP.17 3-5.AP.18



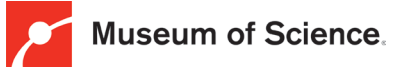
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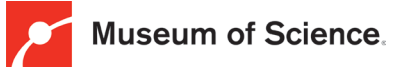
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