

Computational Artifacts

Teacher Profile			
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Lesson Information			
Title of Lesson	Taking a quiz over the lessons taught about Microsoft Office Office 365		
Content Area	Computer Science	Lesson Plan	https://support.microsoft.com/en-us/word
Standard(s)	<p>Key Ideas and Details</p> <p>7.DA. CVT.1 Collect and analyze data using computational tools to create models that are meaningful and useful. As students continue to build on their ability to organize and present data visually to support a claim, they will need to understand when and how to transform data for this purpose. For example, students use computational tools such as Microsoft Excel or Google Sheets to solve a problem that is relevant and meaningful.</p> <p>8.DA. CVT.1 Collect data using computational tools and transform the data to make it more meaningful and useful. As students continue to build on their ability to organize and present data visually to support a claim, they will need to understand when and how to transform data for this purpose. Students should transform data to remove errors, highlight or expose relationships, and/or make it easier for computers to process. Data cleaning is an important transformation for ensuring consistent format and reducing noise and errors (e.g., removing irrelevant responses in a survey). An example of a transformation that highlights a relationship is representing males and females as percentages of a whole instead of as individual counts. Practice(s): Testing and Refining Computational Artifacts: 6.3</p>		
Essential Question	How likely are you to use Microsoft Office 365 in High School and College?		
Learning Target(s) KNOW	<p>Objectives</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> •Students will be able to create a PowerPoint, Excel, and Word. •Students will show what they have learned about Microsoft Office 365 		

Success Criteria SHOW	The students will understand that with practice and personal data collection they can see their personal growth.
Vocabulary	.docx – Microsoft Word document ribbon – the interactive window at the top of Microsoft Word application
Notes	Learning the use of Office application.