



Semester: 2

2025 – 2026

Grade Level		8		Subject: Computer	
Teacher(s) Name		Mr. Nader Madi			
Textbook		Our Digi World			
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE	
20	Feb 2 nd	Feb 6 th	<ul style="list-style-type: none"> Registering and Activating Software. 	6-8.IC.23 Compare tradeoffs associated with licenses for computational artifacts to balance the protection of the creators' rights and the ability for others to use and modify the artifacts	
			<ul style="list-style-type: none"> Create a Speech Recognition application. 	6-8.CT.e.1 Create a model of a real-world system and explain why some details, features and behaviors were required in the model and why some could be ignored.	
21	Feb 9 th	Feb 13 th	<ul style="list-style-type: none"> Updating and Upgrading Applications 	6-8.IC.23 Compare tradeoffs associated with licenses for computational artifacts to balance the protection of the creators' rights and the ability for others to use and modify the artifacts	
			<ul style="list-style-type: none"> Program the app to recognize the user's speech and repeat it. 	6-8.CT.e.1	

			<ul style="list-style-type: none"> • Program the app to convert text to speech. 	Create a model of a real-world system and explain why some details, features and behaviors were required in the model and why some could be ignored.
22	Feb 16 th	Feb 20 th	<ul style="list-style-type: none"> • Understanding Types of Application Software 	6-8.IC.20 Compare tradeoffs associated with computing. Technologies that affect people's everyday activities and career options.
			<ul style="list-style-type: none"> • Analyzing data using MS Excel • Identifying the Parts of the Excel Screen 	6-8.DA.7 Represent data in multiple ways.
23	Feb 23 rd	Feb 27 th	<ul style="list-style-type: none"> • Using Utility Programs. 	6-8.IC.20 Compare tradeoffs associated with computing. Technologies that affect people's everyday activities and career options.
			<ul style="list-style-type: none"> • Navigating a Workbook Creating and saving a workbook 	6-8.DA.7 Represent data in multiple ways.
24	Mar 2 nd	Mar 6 th	<ul style="list-style-type: none"> • Communications and Collaboration • Time-Shifting and Real-Time Communication Methods 	6-8.NI.4 Model the role of protocols in transmitting data across networks and the Internet.
			<ul style="list-style-type: none"> • Editing data in the cells • Editing the Worksheet Data 	6-8.DA.7 Represent data in multiple ways.
25	Mar 9 th	Mar 13 th	<ul style="list-style-type: none"> • Identifying the Advantages and Disadvantages of Collaborative Electronic Communication 	6-8.NI.4 Model the role of protocols in transmitting data across networks and the Internet

			<ul style="list-style-type: none"> Entering data using the fill handle 	<p>6-8.DA.7</p> <p>Represent data in multiple ways.</p>
26	Mar 30 th	Apr 3 rd	<ul style="list-style-type: none"> Understanding the importance of strong passwords and the dangers of weak ones. Securing Passwords 	<p>6-8.NI.6</p> <p>Apply multiple methods of information protection to model the secure transmission of information.</p>
			<ul style="list-style-type: none"> Formatting the Page Layout Inserting formulas and selecting cells 	<p>6-8.DA.7</p> <p>Represent data in multiple ways.</p>
27	Apr 6 th	Apr 10 th	<ul style="list-style-type: none"> Creating and managing passwords Understanding the dangers of password reuse and the need to regularly change passwords. 	<p>6-8.NI.6</p> <p>Apply multiple methods of information protection to model the secure transmission of information.</p>
			<ul style="list-style-type: none"> Sorting and filtering data <ul style="list-style-type: none"> A to Z Sort Z to A Sort 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
28	Apr 13 th	Apr 17 th End of 3d Quarter	<ul style="list-style-type: none"> Understanding two-factor authentication and how it can add an extra layer of security to accounts. 	<p>6-8.NI.6</p> <p>Apply multiple methods of information protection to model the secure transmission of information.</p>
			<ul style="list-style-type: none"> Applying formatting: Cell styles 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
29	Apr 20 th	Apr 24 th	<ul style="list-style-type: none"> Staying informed about current threats and trends in password security and how to respond to them. 	<p>6-8.NI.6</p> <p>Apply multiple methods of information protection to model the secure</p>

				transmission of information.
			<ul style="list-style-type: none"> Table styles 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
30	Apr 27 th	May 1 st	<ul style="list-style-type: none"> Internet communications services. (E-Mail, Instant Messaging, Text Messaging, VoIP, Online Conferencing, Chatrooms ...etc.) 	<p>6-8.NI.4</p> <p>Model the role of protocols in transmitting data across networks and the Internet</p>
			<ul style="list-style-type: none"> Writing formulas with mathematical operators 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
31	May 4 th	May 8 th	<ul style="list-style-type: none"> Using E-Mail Communication Usernames, passwords, and credentials. 	<p>6-8.NI.4</p> <p>Model the role of protocols in transmitting data across networks and the Internet</p>
			<ul style="list-style-type: none"> Working with Formulas Using Function Formulas 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
32	May 11 th	<p>May 15th</p> <p>Grade 12 Final Exams Start May 13</p>	<ul style="list-style-type: none"> Manage e-mail folders. Archiving Create and send e-mail messages 	<p>6-8.NI.4</p> <p>Model the role of protocols in transmitting data across networks and the Internet</p>
			<ul style="list-style-type: none"> Inserting formulas with functions SUM AVERAGE MAX MIN 	<p>6-8.DA.8</p> <p>Collect data using computational tools and transform the data to make it more useful</p>
33	May 18 th	May 22 nd	<ul style="list-style-type: none"> Using the Internet and the World Wide Web Defining the Internet and the Web 	<p>6-8.NI.4</p>

			<ul style="list-style-type: none"> • Webpage, Websites, Hyperlinks. 	Model the role of protocols in transmitting data across networks and the Internet
			<ul style="list-style-type: none"> • Writing a formula with the IF logical function. • Using Nested IF in excel. 	6-8.DA.9 Test and analyze the effects of changing variables while using computational models.
34	May 25 th	May 29 th	<ul style="list-style-type: none"> • Downloading and Uploading Data • Streaming • Troubleshooting Internet Connections 	6-8.NI.4 Model the role of protocols in transmitting data across networks and the Internet
			<ul style="list-style-type: none"> • Using absolute and mixed cell reference in formulas. • Managing worksheets. 	6-8.DA.7 Represent data in multiple ways.
35	Jun 1 st	Jun 5 th	<ul style="list-style-type: none"> • Categorizing Web Sites • Commercial, Academic, Organizational, ... etc. • Navigating the Web • Customizing Web Browser Settings 	6-8.NI.4 Model the role of protocols in transmitting data across networks and the Internet
			<ul style="list-style-type: none"> • Combinational functions • Lookup functions • Map Graph 	6-8.DA.9 Test and analyze the effects of changing variables while using computational models.
36	Jun 8 th	Jun 12 th	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
37	Jun 15 th	Jun 19 th	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
38	Jun 22 nd	Jun 26 th	Jun 22: Make-up Exam for absent students.	
39	Jun 29 th	Jul 3 rd	June 30 - July 2: Make-up Exam for failing students.	