Focus Topic: **Standard 8.1: Educational Technology**   TSW = The Student Will

Objective(s)	NJCCCS Alignment	Essential Questions	Understandings	Suggested Assessments
TSW identify the basic features of a digital device	8.1.2.A.1	Why is technology important?	The use of technology and digital tools requires knowledge.	Ongoing observation & questioning during class discussions
TSW create a document using a word processing application	8.1.2.A.2	Why do I need to use technology?	Media rich resources enhance creativity	Performance tasks
TSW use basic technology terms in conversations	8.1.2.A.2	What are common uses of technology?	Digital tools assist in gathering and managing information.	Self-Assessment
TSW identify the common uses of computer applications	8.1.2.A.3	How can you be safe using technology?	Technological development creates societal concerns.	NJ TAP IN Checklist
TSW demonstrate developmentally appropriate navigation skills	8.1.2.A.4	How do digital tools enhance and/or distract our lives?		Projects
TSW enter information into a spreadsheet	8.1.2.A.5			Technology Integration
TSW enter information into a database	8.1.2.A.7			Differentiated Instruction
TSW illustrate and communicate original ideas and stories using multiple digital tools and resources	8.1.2.B.1			
TSW engage in a variety of developmentally appropriate learning activities	8.1.2.C.1			

TSW develop an understanding of ownership of print and nonprint instruction	8.1.2.D.1			
TSW use digital tools and online resources to explore a problem or issue	8.1.2.E.1			
TSW use geographic mapping tools to plan and solve problems	8.1.2.F.1			

Focus Topic: **Standard 8.2: Technology Education, Engineering, and Design**   TSW = The Student Will

Objective(s)	NJCCCS Alignment	Essential Questions	Understandings	Suggested Assessments
TSW describe how technology products are useful at school, home and work	8.2.2.A.2	How does technology help us in our everyday lives?	Technological systems impact the world.	Ongoing observation & questioning during class discussions
TSW identify a system and the components that work together to accomplish its purpose	8.2.2.A.3	What are the advantages vs. disadvantages of technology?	The design process is a systematic approach to solving problems	Performance tasks
TSW choose a product to make and plan the tools and materials needed	8.2.2.A.4	How does technology affect our environment	Digital tools promote communication and collaboration in design	Self-Assessment
TSW collaborate to design a solution to a problem affecting the community	8.2.2.A.5	How do parts of a system work together?		NJ TAP IN Checklist
TSW identify how technology impacts or improves life	8.2.2.B.1	Why is safety important?		Projects

TSW demonstrate how reusing a product affects the local and global environment	8.2.2.B.2			
TSW identify products or systems that are designed to meet human needs	8.2.2.B.3			
TSW identify how the ways people live and work has changed because of technology	8.2.2.B.4			
TSW will brainstorm ideas on how to solve a problem or build a product	8.2.2.C.1			
TSW explain why we need to create new products	8.2.2.C.3			
TSW investigate a product that has stopped working	8.2.2.C.6			
TSW discover how a product works by sketching how the parts fit together	8.2.2.D.2			
TSW identify the strengths and weaknesses in a product or system	8.2.2.D.3			
TSW demonstrate an understanding of how a computer takes input through a series of written commands	8.2.2.E.2			
TSW use appropriate terms in conversation	8.2.2.E.5			