Georgia Performance Standards Engineering Pathway [Foundations of Engineering and Technology (FET); Engineering Concepts (EC); Engineering Applications (EA); and Research, Design, and Project Management (RDPM)] Alignment to *Standards for Technological Literacy*

Standards for Technological Literacy	STEM	FET	EC	EA	RDPM
1. Students will develop an understanding of The Nature of Technology. This includes acquiring knowledge of the characteristics and scope of technology.	1	3	1	4, 5	1
2. Students will develop an understanding of The Nature of Technology. This includes acquiring knowledge of the core concepts of technology.	1	3, 6	1	4, 5	1
3. Students will develop an understanding of The Nature of Technology. This includes acquiring knowledge of the relationships among technologies and the connections between technology and other fields.	1	1, 4	1	4, 5	1
4. Students will develop an understanding of Technology and Society. This includes learning about the cultural, social, economic, and political effects of technology.	2	2, 3		4, 5	1
5. Students will develop an understanding of Technology and Society. This includes learning about the effects of technology on the environment.	2	2, 3	1	4, 5	1
6. Students will develop an understanding of Technology and Society. This includes learning about the role of society in the development and use of technology.	2	2, 3		4, 5	1
7. Students will develop an understanding of Technology and Society. This includes learning about the influence of technology on history.	2	2	1	4, 5	1
8. Students will develop an understanding of Design. This includes knowing about the attributes of design.	3	5	1, 2, 3, 4	3	2, 4
9. Students will develop an understanding of Design. This includes knowing about engineering design.	3, 4, 5	4, 5	1, 2, 3, 4	3	2, 4
10. Students will develop an understanding of Design. This includes knowing about the role of troubleshooting, research and development, invention and innovation, and experimentation in problem solving.	3	5	1, 2, 3, 4	3	1, 4

11. Students will develop Abilities for a Technological World. This includes being able to apply the design process.	4	4, 5	1, 2, 3, 4, 5	1, 2, 3	2
12. Students will develop Abilities for a Technological World. This includes being able to use and maintain technological systems.	4	1, 4	3, 4	1, 3	3
13. Students will develop Abilities for a Technological World. This includes being able to assess the impacts of technological systems.	3	2	1, 4		3
14. Students will develop an understanding of The Designed World. This includes selecting and using medical technologies.	5	1, 3	4	1, 2, 3	3
15. Students will develop an understanding of The Designed World. This includes selecting and using agricultural and biotechnologies.	5	1, 3	4	1, 2, 3	3
16. Students will develop an understanding of The Designed World. This includes selecting and using energy and power technologies.	5	1, 3	4	1, 2, 3	3
17. Students will develop an understanding of The Designed World. This includes selecting and using information and communication technologies.	5	1, 3, 6	4, 5	1, 2, 3	3, 4
18. Students will develop an understanding of The Designed World. This includes selecting and using transportation technologies.	5	1, 3	4	1, 2, 3	3
19. Students will develop an understanding of The Designed World. This includes selecting and using manufacturing technologies.	5	1, 3	4	1, 2, 3	3
20. Students will develop an understanding of The Designed World. This includes selecting and using construction technologies.	5	1, 3	4	1, 2, 3	3