Technology Applications Work Group A Recommendations

Work Group A met in July 2021 to develop recommendation the review and revision of the technology applications Texas Essential Knowledge and Skills (TEK6) recognition of the opportunities and threats presented by our expressing digital worlding to be compliant with current legislation. Work Group A suggests the following commendations or revising the TEKS he table below outlines the focus areas, recommendations, and rationales developed from the technology applications TEKS survey, content advisor consensus recommendation. Work Group A.

Focus Area	Recommendations	Rationale
Introduction to the TEKS	The introduction to the echnology application EKS should incorporate language that allows teachers the fletition incorporate new and emerging technology without being to specific to existing devices and technology.	Technology evolves at a rapid pace. This recommendation allows teachers the flexibility to include new technologies into instruction, while not limiting certain devices.
	Content advisors recommended including language in the introduction regarding districts' flexibility in offering technology applications as an integrated or standine course. Work Group A direct come to consensus regarding this recommendation. There were multiple viewpoints regarding this issue. Or weewpoint is to not include sentences that recommend flexibility of offering echnology applications integrated within all content area the introduction The members who held this viewpoint expressed concern that districts are encouraged to be flexible, they will not employ technology applications teachers. second viewpoints to include the language recommended by the content advisor becauses omedistrict may not have the resources to offer standalone technology applications classinally, third viewpoint to incorporate language that encourage slistricts to have a standalone class/course.	if
	TEC\$28.002(c3), which outlines requirements for the technology applications essential knowledge and skills, she be addressed in the introduction.	ould

Focus Area	Recommendations	Rationale
Conceptuaframework	Alignto Computer Science Teachers Associat@ST()Aand International Society for echnology in Educations standards	
	Use the CST&oncepts and sukconcepts as a guide to formulate newtechnology applicationstrandsfor the technology applications TEKS	
	Starting from CSTA standards, aliegn/revise/remove existing technology application EKS to fit into new strands where applicable to ensure concepts required by E26.002(e3) are incorporated: coding, computer programming, computational thinking, and between the technology applications EKS is ing the ISTE Standard for Students as a lerto ensure all important anactions.	

Focus Area	Recommendations	Rationale
Vertical alignment	Use CSTA progression chartguide vertical alignment.	The CSTAprogression chartserves as a good
		frame of reference to ensure vertical alignment
	Vertically align the technologyapplicationsTEKS from	and that technology skills are developmentally
	kindergarten through grade 8 to support high school cours	eappropriate by grade levellt also allows for preparationfor and alignment withthe high school courses.
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Digitalcitizenship/leadership

Review thehealth education standards garding digital citizenship to ensure consistency and to reinforce important concepts

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Process for TEKS review	Work Group A recommends the following process for revis the technology applications TEKS:	
	1. Use the CST&oncepts and subconcepts as a guide to formulate newtechnology application ₹EKS strands.	
	2. Starting from CSTA standardsalign/revise/remove existingtechnology application EKS to fit into new strands where applicable ensureconcepts required by TEC §28.002(e3) are incorporated: coding, computer	

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