



TPACK Lesson Planning Companion




TPACK Four Guiding Questions

1. What is the cognitive requirement of the standard?
2. What is the complexity of the task that is required for students to demonstrate mastery of that standard?
3. What is your pedagogical approach to teaching the standard?
4. Does the digital task and tool match the cognitive requirements for students?

Content Knowledge (CK)	<p>What is the content standard for this lesson?</p> <p>What other concepts/skills do students need to understand before learning this standard?</p> <p>What will students need to know and do to demonstrate mastery of this standard?</p> <p>What is the cognitive requirement of the standard?</p> <p>What do I know about the content outlined in this standard?</p>
Pedagogical Knowledge (PK)	<p>What is the learning target progression that will lead to mastery of this standard?</p> <p>What are the best teaching strategies to teach this standard?</p> <p>What social considerations do I need to make to teach this standard?</p> <p>What developmental considerations do I need to make to teach this standard?</p>
Technological Knowledge (TK)	<p>Do I know how to use technology effectively?</p> <p>Do I know how to troubleshoot technology issues effectively?</p>
Pedagogical Content Knowledge (PCK)	<p>What are the best teaching strategies for teaching this content?</p> <p>What is your pedagogical approach to teaching the standard?</p> <p>What is the complexity of the task that is required for students to demonstrate mastery of that standard?</p>
Technological Content Knowledge (TCK)	<p>What are the best technology tools for teaching this content?</p> <p>What are the best technology tools for learning about this content?</p>
Technological Pedagogical Knowledge (TPK)	<p>What tools can I use to teach?</p> <p>What tools can students use to learn?</p> <p>Do I know how to choose the appropriate technology tool for my lesson?</p> <p>What do I need to know about technology to teach this standard?</p> <p>What do I need to know to support my students' use of technology?</p>
Technological Pedagogical Content Knowledge (TPACK)	<p>What do I need to determine about the content and pedagogy before selecting technology tools?</p> <p>Does the digital task and tool match the cognitive requirements for students?</p>

TPACK Lesson Planning Companion Guide

A high-quality lesson planning template has the components to support teachers in using the TPACK Framework for planning. Use the guide below to see examples of the components of a high-quality lesson plan that match the TPACK Framework.

 <p>Content Knowledge</p>	What is the cognitive requirement of the standard?	
	<ul style="list-style-type: none"> Standards Knowledge Skills "I can" statements 	<ul style="list-style-type: none"> Learning targets Lesson essential questions Objectives Outcomes
	What is the complexity of the task that is required for students to demonstrate mastery of that standard?	
	<ul style="list-style-type: none"> Formative tasks Exit Tickets Written responses Class discussions 	<ul style="list-style-type: none"> Lab activity/experiments Application problems Performance tasks Assessment items
	What is your pedagogical approach to teaching the standard?	
	<ul style="list-style-type: none"> Explicit Teaching Questioning Multiple Exposure Worked Examples Project/Problem Based Learning 	<ul style="list-style-type: none"> Collaborative Learning Metacognitive Strategies Learning Activities Learning Progression Inquiry
 <p>Pedagogical Knowledge</p>	Does the digital task and tool match the cognitive requirements for students?	
	<ul style="list-style-type: none"> Tech tools used Interactive learning activities Explicit teaching for use of tech tools 	<ul style="list-style-type: none"> Links LMS pages Videos
 <p>Technological Knowledge</p>		

TPACK Lesson Plan Template Addendum

Copy and paste the box below to the top of any lesson plan template to support teachers in applying the TPACK Framework.

TPACK Framework Guiding Questions

1. What is the cognitive requirement of the standard?

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3. What is your pedagogical approach to teaching the standard?

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