

Lightbox Makes it a Snap to Integrate Technology into Classrooms Using the SAMR Model

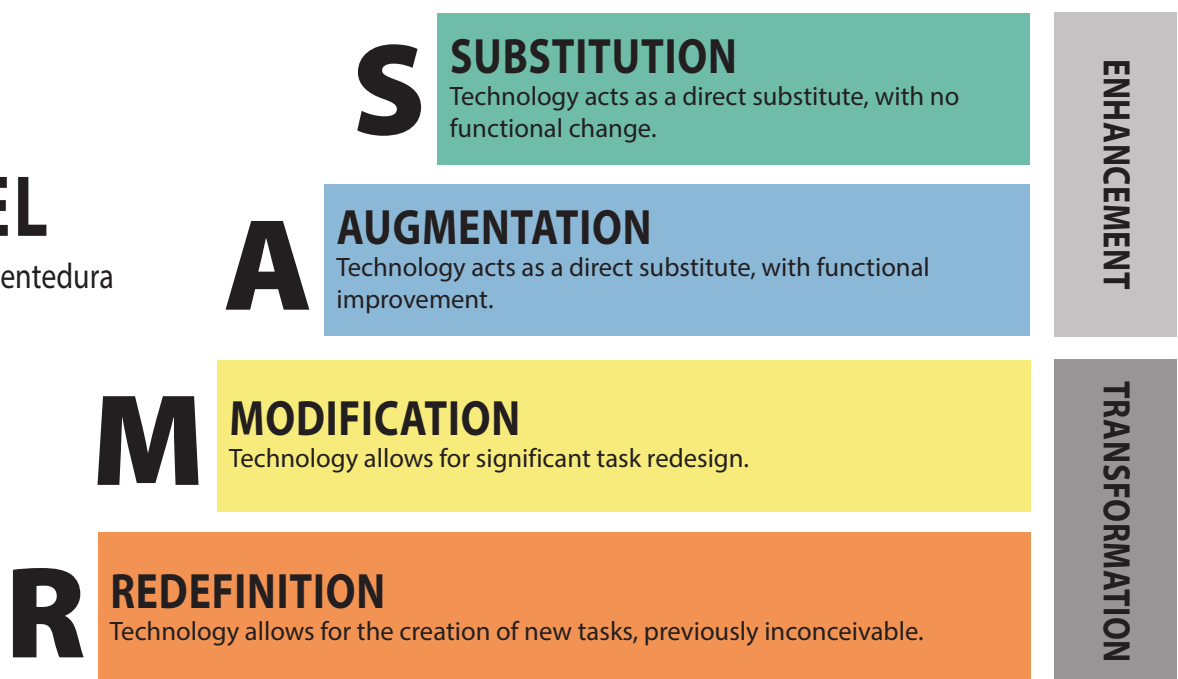
An effective digital strategy involves much more than simply putting existing lesson plans online and distributing eBooks. The SAMR Model provides a holistic approach to digital learning. It allows educators to transform learning experiences and improve student achievement through the use of technology.

What Is the SAMR Model?

The SAMR Model was created by Dr. Ruben Puentedura as a simple and effective way to integrate technology with traditional classroom instruction. Technology integration typically moves through several levels, with the most educational value happening at the highest levels. Dr. Puentedura simplified this process into four key steps that make it easy for educators to create engaging, technology-driven learning experiences and gauge the effectiveness of their digital strategy.

THE SAMR MODEL

Dr. Ruben R. Puentedura



Why Use the SAMR Model?


With many schools opting for a total remote learning approach and others modifying their traditional classrooms in response to the COVID-19 pandemic, educators need an integrated technology approach they can count on now more than ever. SAMR is to technology what Bloom's Taxonomy of Learning is to instructional strategy and the Kirkpatrick Model is to learning evaluation.

How Does Lightbox Use the SAMR Model?

Lightbox is a rich, multimodal classroom resource that successfully implements the SAMR Model. It uses technology to transform the traditional learning experience. As a multimodal resource, Lightbox uses multiple modes, including illustrations, audio, videos, weblinks, and more, to help educators engage visual, auditory, and kinesthetic learners.

Educators can access an entire toolkit of digital resources that enhance the learning environment. Lightbox is easy for all educators to use, whatever their level of comfort with technology. It can be worked into existing lesson plans with a host of ready-made, curriculum-based multimedia assets.

ENHANCEMENT		TRANSFORMATION	
S SUBSTITUTION	A AUGMENTATION	M MODIFICATION	R REDEFINITION
<p>Replace printed curriculum materials with digital texts, firsthand accounts, maps, and more.</p> <p>Enable students to complete and submit worksheets, tests, and activities online or by email.</p>	<p>Integrate intuitive and dynamic multimedia resources not found in traditional teaching materials into lesson plans.</p> <p>Enhance learning experiences with dynamic illustrations and curriculum-aligned videos, audio, weblinks, and activities.</p> <p>Provide immediate learner feedback using the automatic grading feature, so students know the extent of their learning immediately upon completion.</p>	<p>Create presentations, videos, artwork, and other projects using digital Lightbox resources that make it easy to tailor the learning experience to individual interests and needs.</p> <p>Provide varying perspectives and points of view on specific issues or events to facilitate a deeper interaction between students, their peers, and educators.</p> <p>Use infographics to provide visual learners with graphic representations of fascinating facts.</p> <p>Maintain contact with learners even when teaching remotely.</p>	<p>Provide a multimodal, multisensory experience that goes beyond traditional classroom teaching and engages different learning styles while still covering the same core material.</p> <p>Give students the opportunity to accelerate their learning if they are ready for more advanced materials.</p> <p>Explore a variety of subject areas through virtual visits to historic sites, museums, science centers, and other facilities while using the Google Maps feature to gain further insight into specific locations.</p> <p>Provide a launching pad for the creation of multimedia projects, ranging from videos and short films to multimedia art installations, on a variety of subjects.</p>

LIGHTBOX FEATURES			ENHANCEMENT		TRANSFORMATION	
GRADES K-2	GRADES 3-8	GRADES 9-12	S SUBSTITUTION	A AUGMENTATION	M MODIFICATION	R REDEFINITION
 Reading	 Reading	 Reading	✓ Digital content	✓ Interactive eBooks		✓ Distance education
 Audio	 Audio	 Audio		✓ Text-to-speech	✓ Auditory learning	
 Video	 Video	 Video		✓ Scaffolding	✓ Audio/visual learning	✓ Multisensory experience
 Activity	 Activity	 Activity	✓ Online worksheets		✓ Kinesthetic learning	
 Weblink	 Weblink	 Weblink		✓ In-depth research	✓ Independent study	✓ Individual needs
 Slideshow	 Slideshow	 Slideshow			✓ Visual learning	✓ Multimedia creation
 Google Maps	 Google Maps	 Google Maps	✓ Real-world locations	✓ Visualization		✓ Virtual exploration
 Quiz	 Quiz	 Quiz		✓ Automatic grading	✓ Progress reports	
 Key Words	 Key Words	 Key Words		✓ Instant feedback	✓ Self assessment	
	 Transparency	 Transparency			✓ Step-by-step layering	
		 First Hand	✓ Digital documents	✓ Varied perspectives		
		 Docs	✓ Curated articles	✓ Supplementary content		
		 More	✓ Additional excerpts			