

SAMR is a framework to assist teachers as they plan for instruction. The four different levels describe the role of technology in instruction. Highly-skilled teachers are able to instruct using technology at all levels depending on the learning goals. They make purposeful decisions about technology based on its impact on student learning.



REDEFINITION

Technology allows for the creation of new tasks, previously inconceivable.

A narrated Google Earth guided tour is created and shared online.



MODIFICATION

Technology allows for significant task redesign.

Google Earth layers such as Panoramio and 360 cities are used to research locations.



AUGMENTATION

Technology acts as direct tool substitute, with functional improvement.

Google Earth rulers are used to measure the distance between two places.



SUBSTITUTION

Technology acts as a direct tool substitute, with no functional change.

Google Earth is used to locate a place.



non-use

Technology is not used in the instructional activity.

A print atlas is used to locate a place.