

The PICRAT *matrix*

Two questions about any lesson that uses technology. Nine places it can land. No cell is the goal for every lesson.

PIC

What are the students doing with the technology?

RAT

What is the technology doing to the lesson you would have taught anyway?

The **PICRAT model** was created by Royce Kimmons, Charles R. Graham and Richard E. West: "The PICRAT Model for Technology Integration in Teacher Preparation", *Contemporary Issues in Technology and Teacher Education*, 20(1), 2020. This sheet is by Andy Perryer, PICRAT Suite. Free to use, share and print with a link to picrat.com (CC BY 4.0).

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	<i>Replace</i> The same task in a new medium	<i>Amplify</i> The same task, made better	<i>Transform</i> A task that could not happen without it
<i>Creative</i> Students make something new	CR  CREATIVE REPLACE Typing an essay that would otherwise be handwritten.	CA  CREATIVE AMPLIFY Making a stop-motion animation to explain a process.	CT  CREATIVE TRANSFORM Publishing a podcast for a real audience beyond the school.
<i>Interactive</i> Students respond or take part	IR  INTERACTIVE REPLACE A whole-class quiz that mini-whiteboards could have run.	IA  INTERACTIVE AMPLIFY Pairs tag evidence on a shared wall the whole class can see.	IT  INTERACTIVE TRANSFORM Questioning a partner class in another country, live.
<i>Passive</i> Students receive: watch, read, listen	PR  PASSIVE REPLACE Reading a page on screen in place of the textbook.	PA  PASSIVE AMPLIFY Watching an explainer video each student can pause and replay.	PT  PASSIVE TRANSFORM A 360-degree tour of a place the class could never visit.