

How Technology Enables Teaching & Learning

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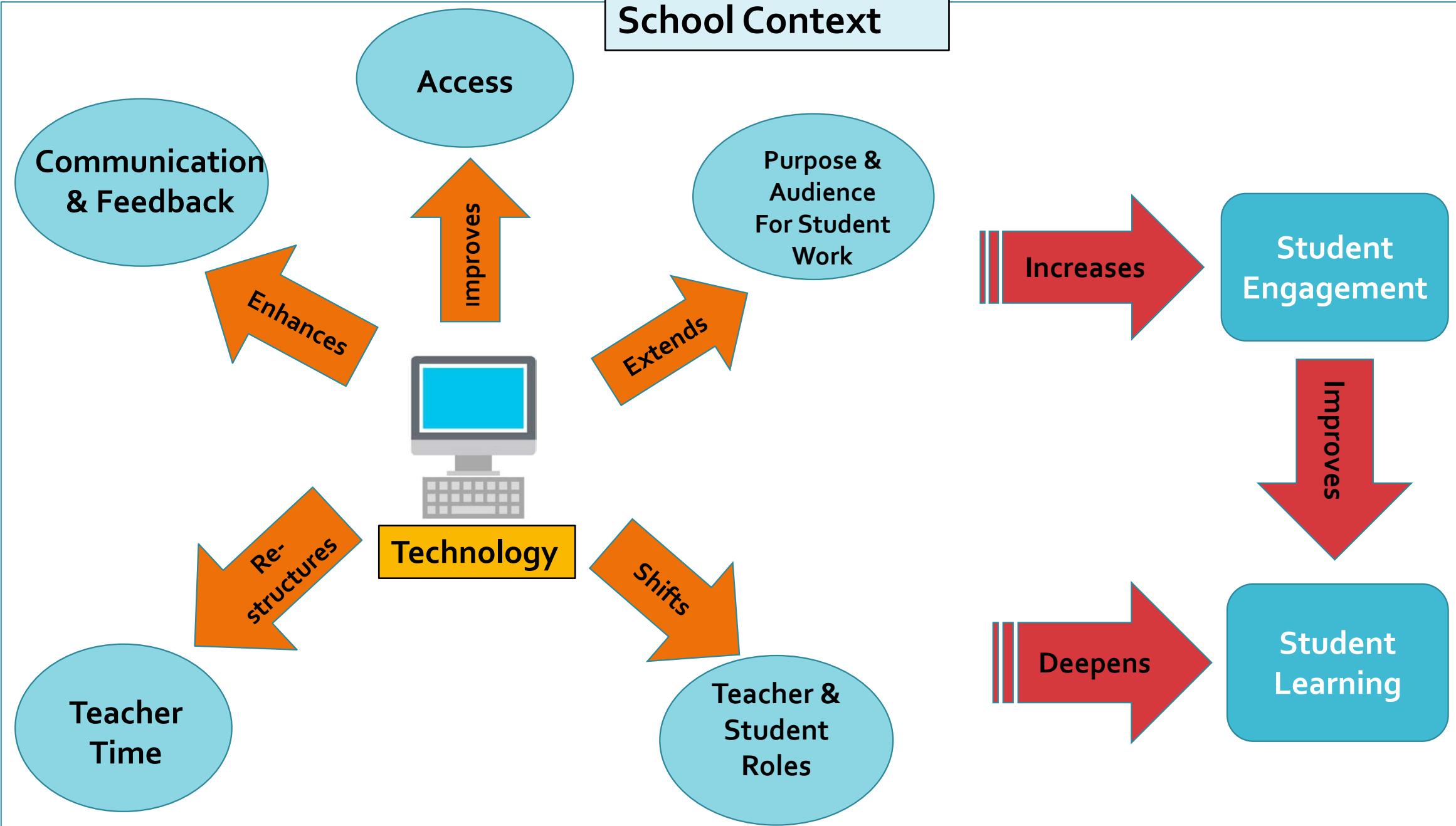
Great technology can't replace poor teaching...



Learner-Centered, Active Learning

- Develop tasks of optimal challenge, relevant to personal interests
- Enable personal choice & control over learning tasks
- Use multiple pathways to individualize learning
- Enable students to take responsibility in the learning process
- Support collaborative learning

School Context



IMPROVED ACCESS

Access to wider variety of resources

Access to grade level material for struggling readers

Independence in selecting materials



ENHANCED COMMUNICATION

Efficient &
immediate feedback

Communication
with anyone,
anytime, anywhere

70%

CORRECT

QUESTION	SECONDS USED	ANSWER SELECTED	CORRECT ANSWER
✓	1	C	C
✓	2	B	B
✗ + X	3	C	D
✓	4	B	B
✗ + ✓	5	A	A
✓	6	C	C
✓	7	B	B
✗	8	C	D
✓	9	E	E

RESTRUCTURED TEACHER TIME

Efficiencies in
grading, etc. frees
up time for
planning &
instruction



EXTENDED AUDIENCE & PURPOSE FOR STUDENT WORK

Enables students to
conduct own inquiry

Able to share work
with global audience



RESTRUCTURED TEACHER & STUDENT ROLES

Shift from “Sage on
the Stage” to “Guide
on the Side”

Shift from passive to
active learner



STAHLER
2010

Aa BbC

OK, CLASS,
SCROLL DOWN
TO PAGE 63.

