

12 INSTRUCTIONAL STRATEGIES TO PROMOTE DEEPER LEARNING: K-8

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1. Respond to students' diverse instructional needs.
2. Facilitate active engagement.
3. Prime the brain.
4. Evolve from cooperative to collaborative learning.
5. Incorporate strategic questioning to guide students' construction of meaning.
6. Integrate engaging high-level thinking into every lesson.
7. Expand academic vocabulary to increase comprehension and achievement.
8. Promote academic conversations.
9. Incorporate analogies to construct deeper meaning.
10. Increase students' elaborative rehearsal of content and process.
11. Use recomposing.
12. Conclude with formative assessment even when you only have minutes.

FIGURE 4.1:
COGNITIVE SKILLS

- **CRITICAL THINKING SKILLS** include:
Interpret
Persuade
Use judgment
Prioritize
Use logic
Evaluate

- **CREATIVE THINKING SKILLS** include:
Question the known
Maintain open-mindedness
Substitute
Think flexibly
Create analogies
Redesign

- **LITERACY SKILLS** include:
Compare and contrast
Predict
Summarize
Establish cause and effect
Communicate through oral, written, graphic, or technological means

Effective cognitive strategies enable students to move toward the executive functions of higher-order thinking. With executive functions, the higher brain is at work with problem solving, and evaluating ideas and data. Ensure students' opportunities to exercise those skills so they enter the future armed with information and cognitive tools to apply higher-order thinking to real-world concerns.

FIGURE 2.16:

PRODUCTS WITH AUTHENTIC APPLICATIONS

advertisement	economic forecast	math proof	readers theater
animation	editorial	memoir	rebus story
art gallery	epilogue	memorial	recital
audio recording	essay	menu	relief map
autobiography	evaluation	model	research report, written or oral
background music	exhibit/display	mosaic	resume
banner	experiment	movie/movie script	review
billboard	fable/fairy tale	multimedia	riddles
biography	family tree	presentation	role-play
blog	fashion show script	mural	rubric
blueprint	festival	museum exhibit	rules
board game	field guide	musical composition	satire
book/booklet	flannel board	mystery	scale drawing/model
brochure	presentation	myth	scavenger hunt
bulletin board	flip book or chart	newscast	scrapbook
business plan	flow chart	newspaper/ newspaper article	sculpture
campaign speech/ platform	folder game	observation log	self-portrait
cartoon	gallery	oral history/report	sequel
chart	game/game show	painting	simulation
children's story	glossary	pamphlet	social action plan
choral reading	graph	parody	software application
class blog	graphic organizer	parody	storytelling
collage	informercial	persuasive speech	survey
collection	illustration/icon	photo essay/journal	symbols
comic strip	indexes	picture dictionary	talent show
commentary	interview	play or skit	taxonomy
computer animation	invention	podcast	test
computer game	invitation	poem	textbook
community service	jigsaw puzzle	political cartoon	theory
critique	joke book	pop-up book	time line
crossword puzzle	journal/log	portfolio	travel folder/poster
dance	judge an event	poster	travelogue
debate	lab report	press conference	trial
demonstration	landscape design	proposal	trivia game
diagram	learning station	public announcement	TV commercial/ program
dialogue	lesson to teach	puppet/puppet show	video documentary
digital montage/ presentation	letter	puzzle	video game
diorama	list	quiz/quiz show	weather log/forecast
documentary	machine	questionnaire	webcast
dramatization	magazine/magazine article	questions	website
drawing	manual	quotation collection	wordless book
	map with legend	radio show	
		rap	