Powerful Verbs for Science and Technology

This list of verbs can be used to help you express your precise meaning in scientific or technical papers: in analysis, synthesis, and evaluation or problem solving.

Knowledge

arrange
define
duplicate
know
label
list
match
memorize
name
order
quote
recognize
recall
repeat
reproduce
restate
retain

Comprehension

characterize
classify
complete
depict
describe
discuss
establish
explain
express
identify
illustrate
locate
recognize
report
relate
review
sort
translate

Application

accomplish
actualize
administer
apply
calculate
choose
compute
conduct
demonstrate
dramatize
employ
implement
interpret
maintain
operate
perform
practice
prescribe
solve
utilize

Analysis

analyze
appraise
categorize
compare
contrast
critique
diagram
differentiate
discriminate
distinguish
examine
experiment
explore
inspect
inventory
investigate
question
research
test

Synthesis

combine
compose
conclude
consolidate
construct
create
design
formulate
hypothesize
integrate
merge
organize
plan
propose
synthesize
systematize
theorize
unite
write

Evaluation

appraise
argue
assess
critique
defend
envision
estimate
evaluate
examine
grade
inspect
judge
justify
rank
rate
review
value