

Target 30 domain-specific words per content area, per grade level.

VOCABULARY & WORD STUDY
Session 3 | Marzano's 6 Steps
Session 4 | Functional Vocabulary

STEP 1

- Highlight terms and concepts within academic standards.

- Skim standardized tests.
- Cross-reference with course curriculum or lists.

STEP 2

- Remove all general-academic words (i.e., functional vocabulary).

| | |
|-------|-------------|
| cite | most likely |
| claim | excerpt |
| best | selection |

- Group “examples” under individual concepts.

| | |
|----------|----------|
| predator | producer |
| prey | parasite |
| consumer | host |

- Start a “should already know” category.
- Make the hard cuts.

STEP 3

- Align as a grade level.

- Align across grades.
- Minimize overlap.

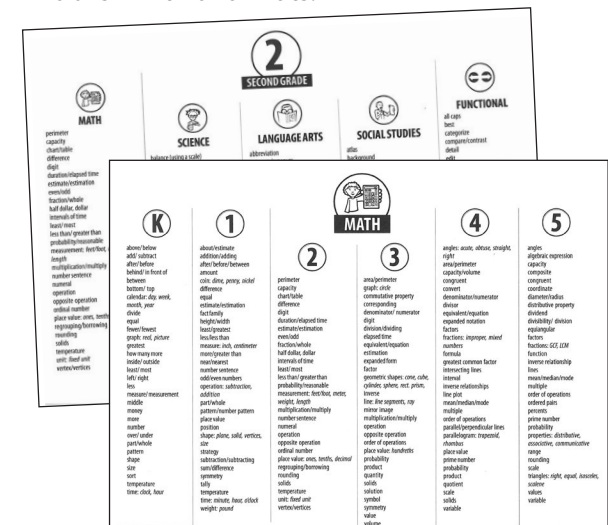
- Determine which synonym to use.

TOPIC SENTENCE,
main-idea sentence

STEP 4

- Post on a shared drive.

- Publish in two formats.



- Share with others.
- Share with parents.

- Instructional assistants
- Special education/Resource
- Related arts
- Media specialist

2

Include verbs, too.

50 MATH VERBS

| | | | |
|------------|-------------|-----------|-------------|
| add | assume | express | determine |
| factor | estimate | designate | equalize |
| represent | connect | justify | compare |
| suppose | evaluate | draw | calculate |
| vary | order | divide | depend |
| measure | coincide | plot | interpret |
| simplify | extrapolate | intersect | distribute |
| predict | multiply | bisect | construct |
| differ | graph | change | follow |
| operate | substitute | match | demonstrate |
| subtract | function | solve | find |
| correspond | slope | assign | |
| travel | apply | arrange | |

50 GOVERNMENT VERBS

| | | | |
|--------------|------------|-------------|------------|
| pursue | veto | campaign | decree |
| vote | report | enforce | institute |
| enact | adjudicate | assert | lobby |
| administrate | restrict | regulate | file |
| influence | argue | oppose | support |
| agitate | oversee | maintain | tyrannize |
| advocate | reform | investigate | deliberate |
| supervise | promote | decide | arbitrate |
| intervene | report | prosecute | impose |
| restrain | qualify | rule | initiate |
| elect | govern | democratize | argue |
| empower | defend | debate | |
| represent | propose | deregulate | |

50 HISTORY VERBS

| | | | |
|----------|------------|---------------|----------|
| cause | follow | control | dominate |
| force | support | believe | lead to |
| rebel | result | isolate | export |
| explore | trade | influence | import |
| increase | turn | invade | develop |
| decrease | decline | expand | demand |
| reign | covert | form | urbanize |
| produce | affect | grow | begin |
| reflect | rule | industrialize | advance |
| rise | establish | end | worship |
| retreat | build | practice | govern |
| change | contribute | integrate | |
| attack | modernize | conflict | |

50 LITERATURE VERBS

| | | | |
|------------|------------|--------------|------------|
| evoke | represent | suggest | mean |
| infer | expose | exaggerate | analyze |
| begin | entail | denote | explain |
| clash | understate | narrate | imagine |
| symbolize | persuade | imply | motivate |
| describe | translate | coincide | specify |
| foreshadow | express | compare | conflict |
| sequence | contrast | connect | conclude |
| dramatize | end | interpret | illustrate |
| retell | alliterate | summarize | depict |
| convey | relate | personify | proceed |
| ascertain | inform | characterize | |
| rhyme | express | portray | |

50 BUSINESS VERBS

| | | | |
|-------------|-----------|-------------|----------|
| buy | liquidate | lose | settle |
| increase | deduct | manufacture | collect |
| account for | return | purchase | count |
| cash in | profit | transact | owe |
| exchange | set up | borrow | tender |
| pitch | balance | stock | present |
| save | sign | remit | hold |
| reduce | trade | offer | hire |
| transfer | decline | bid | serve |
| close | bill | risk | agree |
| sell | advertise | spend | evaluate |
| decrease | order | supply | |
| pay | invest | negotiate | |

50 WORLD LANGUAGE VERBS

| | | | |
|------------|-------|--------|---------|
| be | give | help | have |
| see | act | refuse | dislike |
| listen | lack | plan | go |
| eat | work | make | show |
| buy | think | like | use |
| look for | pick | come | learn |
| understand | do | put | wait |
| meet | ask | change | stop |
| die | speak | live | fix |
| offer | feel | sell | order |
| say | call | need | travel |
| want | walk | touch | |
| take | find | hold | |

Include verbs, too.

50 CHEMISTRY VERBS

| | | | |
|----------|----------|-----------|-----------|
| separate | form | react | bond |
| fuse | dissolve | saturate | raise |
| remain | free | complete | discharge |
| explode | maintain | join | equate |
| level | contain | lower | melt |
| cool | produce | calculate | affect |
| release | behave | balance | absorb |
| differ | repel | remove | share |
| transfer | burn | change | equalize |
| occur | deploy | control | evaporate |
| mix | involve | act | liquify |
| attract | heat | exchange | |
| implode | oxidize | respond | |

50 EARTH SCIENCE VERBS

| | | | |
|-----------|----------|--------------|-----------|
| fill | support | collapse | cut |
| flow | moderate | precipitate | increase |
| decrease | radiate | travel | build |
| turn | compact | cleave | maintain |
| change | overturn | raise | sift |
| dissolve | weaken | erode | originate |
| reflect | split | accumulate | melt |
| cement | drop | migrate | arrange |
| date | weather | sink | shorten |
| intensify | move | form | converge |
| develop | release | disintegrate | absorb |
| spin | float | elongate | |
| drift | settle | diverge | |

50 BIOLOGY VERBS

| | | | |
|------------|-----------|---------------|-------------|
| interact | perform | mutate | respond |
| act | breathe | impede | deoxygenate |
| inflamm | cross | acidify | exchange |
| produce | evolve | block | secrete |
| process | stimulate | oxygenate | transmit |
| synthesize | dehydrate | nourish | disperse |
| filter | flow | reproduce | control |
| fertilize | pump | excrete | connect |
| transport | contract | differentiate | decompose |
| hydrate | protect | ingest | expand |
| develop | digest | function | |
| metabolize | divide | proliferate | |
| die | graft | react | |

50 PHYSICS VERBS

| | | | |
|-----------|---------|------------|---------------|
| push | measure | repel | engage |
| burn | implode | counteract | contract |
| disengage | collect | raise | differentiate |
| melt | attract | adhere | balance |
| turn | recycle | expand | reflect |
| calibrate | fly | spin | meet |
| explode | cohere | convert | draw |
| gather | float | bounce | reverse |
| touch | sink | launch | react |
| vibrate | exert | ignite | force |
| pull | deflect | rotate | evaporate |
| flow | relay | act | |
| drive | signal | lower | |

50 ART VERBS

| | | | |
|-----------|-----------|-------------|------------|
| lead | juxtapose | adorn | obscure |
| express | depict | memorialize | overshadow |
| portray | indicate | idealize | represent |
| contrast | ornament | outline | highlight |
| emphasize | comment | darken | compose |
| point to | balance | cover | mix |
| repeat | distort | symbolize | mark |
| recognize | lighten | illustrate | suggest |
| dramatize | reflect | enclose | exaggerate |
| stroke | convey | unify | sculpt |
| focus | define | intensify | layer |
| fill | cross | exhibit | |
| evoke | imply | sharpen | |

50 MUSIC VERBS

| | | | |
|-------------|-------------|-----------|-----------|
| echo | energize | rise | skitter |
| diverge | vary | intone | converge |
| beat | jump | hold | pound |
| repeat | accent | modulate | express |
| perform | chant | rest | interpret |
| blend | synchronize | trill | jam |
| embellish | flow | tune | slide |
| wail | clash | stylize | counter |
| reverberate | soften | conduct | amplify |
| swing | vocalize | compose | croon |
| harmonize | burst | fall | evoke |
| intensify | orchestrate | accompany | |
| syncopate | improvise | vamp | |