ETYMOLOGY & WORD LADDERS

WORD LADDER 4-LETTER MORPHING

6 Classic Lewis Carroll Word Ladders * Change Exactly 1 Letter Per Rung

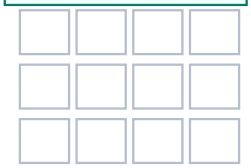
SOLVER TIME & SCORE

Start: ___:___ Stop: ___:___

Difficulty: [ ] Easy [ ] Med [ ] Hard

LADDER 1: TEMPERATURE

COLD



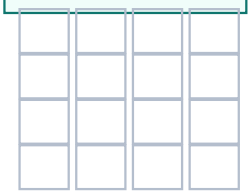
WARM

Optimal Path: 4 Rungs

Solved: [ ] Valid Words Verified

LADDER 2: ANATOMY

HEAD



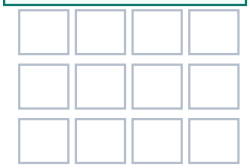
TAIL

Optimal Path: 5 Rungs

Solved: [ ] Valid Words Verified

LADDER 3: ZOOLOGY

LION



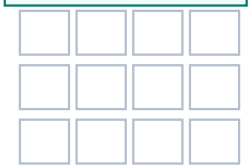
BEAR

Optimal Path: 4 Rungs

Solved: [ ] Valid Words Verified

LADDER 4: HABITAT

FISH



BIRD

Optimal Path: 4 Rungs

Solved: [ ] Valid Words Verified

LADDER 5: EMOTION

LOVE



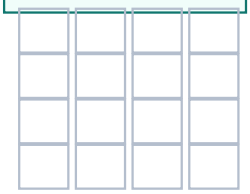
HATE

Optimal Path: 3 Rungs

Solved: [ ] Valid Words Verified

LADDER 6: ELEMENTS

FIRE



SNOW

Optimal Path: 5 Rungs

Solved: [ ] Valid Words Verified

LEWIS CARROLL WORD LADDER PROTOCOL & DICTIONARY BENCHMARKS

CANONICAL RULES

Change exactly one letter per step

Every intermediate rung must be a word

No proper nouns, slang or acronyms

Anagram rearranging is not permitted

Minimize total step count to goal

HEURISTIC STRATEGIES

Work backwards from destination word

Identify pivot vowels early (A, E, I, O)

Common suffixes: -EAD, -OOT, -ARK, -EST

Look for dual-branching bridge words

Cross-check with standard dictionary

SOLVER CERTIFICATION

Linguist Name: _____

Total Morphing Time: _____ Min

All 6 Ladders Completed: [ ] YES

Shortest Paths Achieved: [ ] YES

Oxford Stamp: * * * * *

LEXICAL CANDIDATE SCRATCHPAD & WORD BRANCHING NOTES: