

Curriculum Guide for “Top Movies of 2010” DVDs

Volume #1



1. The Blackfooted Ferret

Running Time: 5:25

Ferret Figures
Grades 6-12
Problem Solving

2. Building Custom Guitars

Running Time: 5:09

Frets
Grades 7-9
Algebra & Problem Solving

3. Creating Cars

Running Time: 5:00

New Car Tips
Grades 7-12
Algebra

4. Designing Stronger Skateboards

Running Time: 5:19

Skateboard Flex
Grades 6-8
Decimal operations, Statistics, Algebra

5. Moorpark Zoo: Managing Exotic Animals

Running Time: 4:58

Bobcat Stats,
Grades 7-12
Statistics

6. Predicting the Weather

Running Time: 5:19

Weather Patterns,
Grades 4-7
Statistics & Earth sciences

7. Recycling Computers

Running Time: 5:14

Cell Phone Fundraiser,
Grades 6-9
Percents, Problem Solving

8. The Rhythm Track

Running Time: 6:35

Cowbell Concerts,
Grades 7-12
Algebra

9. Roller Coasters

Running Time: 2:00

Air Coasters,
Grades 6-12
Algebra

10. The Wind Business

Running Time: 5:55

Energy from Thin Air
Grades 7-12
Physical Science

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Volume #2



1. 100,000 Computers a Day

Running Time: 5:00

Computer Problems
Grades 6-9
Geometry & Problem Solving

2. The Backpack Designer

Running Time: 4:50

Strap Stress
Grades 7-10
Algebra, Physical Science

3. Bats

Running Time: 1:43

Bat Mobile
Grades 2-7
Ratios

4. Cheetahs

Running Time: 2:08

Population Equations
Grades 6-12
Algebra

5. Designing Toy Cars

Running Time: 2:42

The Tinkertoy Derby
Grades 3-7
Measurement, Number Operations

6. Flowers by the Millions

Running Time: 5:05

A Valentine's Bouquet
Grades 2-10
Decimal Operations, Problem Solving

7. Maglev Trains

Running Time: 4:12

The Antigravity Machine
Grades 5-8
Physical Science, Problem Solving,
Geometry

8. The Shape of Phones

Running Time: 5:35

Battle of the Batteries
Grades 7-9
Ratios and Proportions, Problem
Solving

9. Testing Bats

Running Time: 4:55

The Best Throw
Grades 4-8
Geometry, Nature of Science, Prob-
lem Solving

10. Undersea Treasure

Running Time: 5:40

Heads or Tails
Grades 4-8
Statistics & Probability