SEATTLE MESA MESA DAY 2010 NOTEBOOK

TABLE OF CONTENTS

| TAB | BLE OF CONTENTS | |
|-----------------------------|------------------------------------|------------|
| | Elementary K-2 | |
| Same-Day Events | Topic | Page |
| Egg Drop | Physics | 5 |
| Geo Domes | Structural Engineering | 6 |
| Math Olympiad | Problem Solving | 7 |
| Mystery | Motion | 8 |
| Paper Bridges | Civil Engineering | 9 |
| Robotics | Electrical Engineering | 10 |
| Science Room | Multiple Science Activities | 11 |
| Tinker Toys (K-1) | Moveable System | 12 |
| Writing | If I Were a Superhero | 13 |
| | Elementary 3-5 | |
| Same-Day Events | Topic | Page |
| Balloon Cars (2-5) | Transportation Engineering | 15 |
| CSI | Health Sciences | 16 |
| Egg Drop | Physics | 18 |
| Math Olympiad | Problem Solving | 19 |
| Mystery | Motion | 20 |
| Robotics | Electrical Engineering | 17 |
| Science Room | Multiple Science Activities | 21 |
| Simple Catapult | Mechanical Engineering | 22 |
| Straw Tower (Golf Ball) | Structural Engineering | 23 |
| Writing | SS Minnow | 24-25 |
| **nung | Middle School | 24-23 |
| Same-Day Events | Topic | Page |
| Catapult | Mechanical Engineering | 27 |
| Egg Car | Transportation Engineering | 28-29 |
| Egg Drop | Physics | 30 |
| Math Olympiad | Problem Solving | 31 |
| Sail Car | Transportation Engineering | 32 |
| Straw Tower (Golf Ball) | Structural Engineering | 33 |
| Writing | Hot Tub Time Machine | 34-35 |
| vviiding | High School | 0+00 |
| Same-Day Events | Topic | Page |
| Catapult | Mechanical Engineering | 37 |
| Egg Car | Transportation Engineering | 38-39 |
| Egg Drop | Physics | 40 |
| Math Olympiad | Problem Solving | 41 |
| Sail Car | Transportation Engineering | 42 |
| Straw Tower (Book) | Structural Engineering | 43 |
| Writing | If I Were President | 44-45 |
| Pre-Built Events | Topics | Page |
| Balsa Bridge | Civil Engineering | Page 47 |
| ваіsa впаде Balsa Glider | | 47 |
| | Aeronautics | |
| Earthquake Tower | Seismology, Structural Engineering | 50 |
| Mousetrap Cars | Mechanical Engineering | 51 |
| Windmill | Mechanical Engineering | 52-57 |