

1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE

****TOP STRATEGIES AND IDEAS FOR 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE****

1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE OFTEN REFLECT CREATIVITY, SOLID SCIENTIFIC METHODOLOGY, AND A CLEAR DEMONSTRATION OF UNDERSTANDING COMPLEX CONCEPTS. WINNING A SCIENCE FAIR IS NOT JUST ABOUT HAVING A FLASHY DISPLAY OR COMPLICATED JARGON—IT'S ABOUT PRESENTING A PROJECT THAT IS ORIGINAL, WELL-RESEARCHED, AND THOUGHTFULLY EXECUTED. IF YOU'RE AN 8TH GRADER OR A PARENT GUIDING A YOUNG SCIENTIST, KNOWING HOW TO PICK AND DEVELOP A STANDOUT PROJECT IS KEY TO SUCCESS.

WHAT MAKES 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE STAND OUT?

SCIENCE FAIRS ARE MORE THAN JUST A COMPETITION; THEY'RE AN OPPORTUNITY TO EXPLORE THE SCIENTIFIC METHOD, ASK QUESTIONS ABOUT THE WORLD, AND COMMUNICATE FINDINGS EFFECTIVELY. BUT WHAT EXACTLY SEPARATES FIRST-PLACE WINNERS FROM OTHER PARTICIPANTS? UNDERSTANDING THIS CAN HELP YOU AIM HIGHER.

ORIGINALITY AND CREATIVITY

THE BEST PROJECTS TYPICALLY START WITH A UNIQUE QUESTION OR HYPOTHESIS. INSTEAD OF REPEATING COMMON EXPERIMENTS, 8TH GRADERS WHO WIN FIRST PLACE TEND TO TACKLE ORIGINAL IDEAS OR PRESENT A FRESH PERSPECTIVE ON FAMILIAR TOPICS. FOR INSTANCE, EXPLORING THE EFFECTS OF NATURAL DYES ON FABRIC COLORFASTNESS OR TESTING VARIOUS NATURAL PRESERVATIVES IN FOOD CAN BE MORE INTRIGUING THAN STANDARD "VOLCANO" PROJECTS.

STRONG SCIENTIFIC METHODOLOGY

A PROJECT THAT CLEARLY OUTLINES A HYPOTHESIS, VARIABLES, CONTROL GROUPS, AND DATA COLLECTION METHODS WILL ALWAYS IMPRESS JUDGES. FOR AN 8TH-GRADE PROJECT, IT'S IMPORTANT TO SHOW CAREFUL PLANNING—THIS INCLUDES DETAILED OBSERVATIONS, REPEATED TRIALS, AND ACCURATE MEASUREMENTS. PROJECTS THAT QUANTIFY RESULTS WITH CHARTS OR GRAPHS AND PROVIDE STATISTICAL ANALYSIS STAND OUT AS WELL.

CLEAR PRESENTATION AND EXPLANATION

WINNING SCIENCE FAIR PROJECTS COMMUNICATE THEIR IDEAS CLEARLY AND CONFIDENTLY. THIS MEANS WELL-ORGANIZED DISPLAY BOARDS, CONCISE SUMMARIES, AND THE ABILITY TO ANSWER JUDGES' QUESTIONS THOUGHTFULLY. USING VISUAL AIDS, MODELS, OR INTERACTIVE ELEMENTS CAN ENHANCE UNDERSTANDING AND ENGAGEMENT.

POPULAR AND EFFECTIVE 1ST PLACE SCIENCE FAIR PROJECT IDEAS FOR 8TH GRADE

CHOOSING THE RIGHT TOPIC CAN BE THE HARDEST PART. HERE ARE SOME TRIED AND TRUE IDEAS THAT HAVE HELPED STUDENTS CLINCH TOP PRIZES, ALONG WITH TIPS ON HOW TO MAKE EACH PROJECT UNIQUELY YOUR OWN.

ENVIRONMENTAL SCIENCE PROJECTS

ENVIRONMENTAL ISSUES ARE RELEVANT AND PROVIDE ENDLESS POSSIBILITIES FOR EXPERIMENTATION.

- ****WATER FILTRATION EFFICIENCY****: INVESTIGATE HOW DIFFERENT NATURAL MATERIALS (SAND, CHARCOAL, GRAVEL) FILTER IMPURITIES FROM WATER. MEASURE TURBIDITY OR TEST pH LEVELS BEFORE AND AFTER FILTRATION.
- ****THE EFFECT OF ACID RAIN ON PLANT GROWTH****: SIMULATE ACID RAIN USING VINEGAR-WATER MIXTURES AT DIFFERENT CONCENTRATIONS AND OBSERVE HOW VARIOUS PLANTS RESPOND OVER TIME.
- ****RECYCLING AND BIODEGRADABILITY****: COMPARE HOW QUICKLY DIFFERENT MATERIALS (PAPER, PLASTIC, ORGANIC WASTE) DECOMPOSE UNDER VARIOUS CONDITIONS.

ADDING A LOCAL TWIST, SUCH AS TESTING WATER QUALITY FROM NEARBY LAKES OR STREAMS, CAN MAKE THE PROJECT MORE MEANINGFUL AND RELEVANT.

PHYSICS AND ENGINEERING PROJECTS

THESE PROJECTS ALLOW STUDENTS TO APPLY PRINCIPLES OF MECHANICS, ENERGY, AND DESIGN.

- ****BUILDING A SOLAR OVEN****: DESIGN AND TEST VARIOUS SOLAR OVEN MODELS TO OPTIMIZE TEMPERATURE AND COOKING TIME.
- ****CATAPULT OR TREBUCHET EFFICIENCY****: EXPERIMENT WITH DIFFERENT ARM LENGTHS, WEIGHTS, OR ANGLES TO MAXIMIZE DISTANCE OR ACCURACY.
- ****ELECTRIC MOTOR CONSTRUCTION****: BUILD A SIMPLE MOTOR AND EXPLORE HOW CHANGING THE NUMBER OF COILS OR MAGNETS AFFECTS ITS SPEED.

DOCUMENTING EACH DESIGN ITERATION AND PROVIDING EXPLANATIONS FOR CHANGES DEMONSTRATES DEEP UNDERSTANDING AND EXPERIMENTATION.

BIOLOGY AND CHEMISTRY PROJECTS

EXPLORING LIVING ORGANISMS OR CHEMICAL REACTIONS CAN BE FASCINATING FOR 8TH GRADERS.

- ****YEAST FERMENTATION RATES****: TEST HOW SUGAR TYPES OR TEMPERATURES AFFECT THE RATE OF YEAST FERMENTATION BY MEASURING CARBON DIOXIDE PRODUCTION.
- ****VITAMIN C CONTENT IN FRUITS****: USE IODINE TITRATION TO QUANTIFY VITAMIN C LEVELS IN VARIOUS FRUITS AND COMPARE FRESHNESS OR STORAGE EFFECTS.
- ****EFFECT OF NATURAL ANTIBIOTICS****: INVESTIGATE ANTIBACTERIAL PROPERTIES OF SUBSTANCES LIKE GARLIC, HONEY, OR TURMERIC ON BACTERIAL CULTURES.

SAFETY AND ETHICAL CONSIDERATIONS SHOULD BE EMPHASIZED, ESPECIALLY WHEN WORKING WITH MICROORGANISMS.

TIPS FOR CREATING AWARD-WINNING 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE

BEYOND CHOOSING A GREAT TOPIC, HOW YOU APPROACH THE PROJECT MATTERS SIGNIFICANTLY.

START EARLY AND PLAN THOROUGHLY

STARTING WEEKS OR EVEN MONTHS IN ADVANCE LETS YOU REFINE YOUR HYPOTHESIS, CONDUCT MULTIPLE TRIALS, AND

TROUBLESHOOT UNEXPECTED RESULTS. CREATE A DETAILED TIMELINE TO STAY ON TRACK.

KEEP A DETAILED LAB NOTEBOOK

RECORDING EVERY STEP, OBSERVATION, AND CHANGE IN PROCEDURE IS CRITICAL. JUDGES APPRECIATE SEEING THE SCIENTIFIC PROCESS IN ACTION, AND IT HELPS YOU REFLECT ON YOUR WORK.

USE RELIABLE SOURCES AND BACKGROUND RESEARCH

UNDERSTANDING EXISTING RESEARCH GIVES YOUR PROJECT CONTEXT AND SHOWS INTELLECTUAL CURIOSITY. CITE BOOKS, SCIENTIFIC JOURNALS, AND REPUTABLE WEBSITES TO BACK UP YOUR RATIONALE.

PRACTICE YOUR PRESENTATION SKILLS

BEING ABLE TO EXPLAIN YOUR PROJECT CLEARLY AND ENTHUSIASTICALLY CAN MAKE A HUGE DIFFERENCE. PREPARE A SHORT SUMMARY AND ANTICIPATE QUESTIONS JUDGES MIGHT ASK. PRACTICING WITH FAMILY OR FRIENDS CAN BOOST YOUR CONFIDENCE.

THE ROLE OF TECHNOLOGY IN 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE

INTEGRATING TECHNOLOGY CAN ELEVATE YOUR PROJECT AND IMPRESS JUDGES, BUT IT SHOULD ALWAYS SERVE YOUR RESEARCH GOALS RATHER THAN OVERSHADOW THEM.

DATA COLLECTION AND ANALYSIS TOOLS

USING SENSORS, APPS, OR SOFTWARE TO COLLECT AND ANALYZE DATA CAN IMPROVE ACCURACY AND ADD SOPHISTICATION. FOR EXAMPLE, TEMPERATURE PROBES CONNECTED TO A SMARTPHONE APP OR SPREADSHEET SOFTWARE FOR GRAPHING RESULTS CAN MAKE YOUR FINDINGS CLEARER.

CREATING DIGITAL PRESENTATIONS

COMPLEMENTING YOUR PHYSICAL DISPLAY BOARD WITH A DIGITAL SLIDESHOW OR VIDEO DEMONSTRATION CAN ENGAGE JUDGES AND PROVIDE DYNAMIC EXPLANATIONS.

MODELING AND SIMULATIONS

SOME PROJECTS BENEFIT FROM COMPUTER SIMULATIONS TO PREDICT OUTCOMES OR VISUALIZE COMPLEX PROCESSES, SUCH AS MODELING PLANETARY ORBITS OR CHEMICAL REACTIONS.

How to Tailor 1st Place Science Fair Projects for 8th Grade to Your Interests

One of the best ways to create a standout project is to align it with your passions. Whether you're fascinated by space, animals, technology, or the environment, there's a science fair project that can excite you.

For example, if you love sports, you might explore the physics behind different ball trajectories or test the effectiveness of various training techniques. If you're interested in health, consider studying the effects of different types of exercise on heart rate recovery.

When you're genuinely curious about your project topic, your enthusiasm will shine through your presentation and research, making your project more memorable to judges.

Exploring 1st place science fair projects for 8th grade offers an exciting chance to dive into scientific inquiry, develop critical thinking, and showcase creativity. With the right topic, thorough methodology, and confident presentation, any young scientist can make a lasting impression at their next science fair.

Frequently Asked Questions

What are some popular 1st place science fair project ideas for 8th grade?

Popular 1st place science fair projects for 8th grade include experiments on renewable energy, plant growth under different conditions, chemical reactions, robotics, and environmental science.

How can I choose a winning science fair project for 8th grade?

Choose a project that interests you, has a clear hypothesis, is original, involves experimentation, and provides measurable results. Make sure it's feasible with available resources and time.

What criteria do judges look for in 1st place 8th grade science fair projects?

Judges look for originality, scientific thought, thorough research, clear presentation, well-executed experiments, and understanding of the topic.

Can technology-based projects win 1st place in 8th grade science fairs?

Yes, technology-based projects such as coding, robotics, app development, and electronics are often well-received and can win 1st place if they demonstrate innovation and scientific principles.

How important is the presentation in winning a 1st place science fair project?

Presentation is very important. Clear, organized displays with charts, graphs, and concise explanations help judges understand your project and can greatly impact your chances of winning.

Are environmental science projects good candidates for 1st place in 8th grade fairs?

Yes, environmental science projects are highly relevant and popular. Projects focusing on pollution, recycling, conservation, or climate change often impress judges due to their real-world impact.

How much time should I spend on my 1st place 8th grade science fair project?

Start early and spend several weeks on research, experimentation, and presentation. Consistent effort over time improves the quality and depth of your project.

Where can I find resources and guidance for 8th grade science fair projects?

You can find resources from school science teachers, online educational websites, science fair guides, YouTube tutorials, and local libraries to help plan and execute your project effectively.

Additional Resources

1st Place Science Fair Projects for 8th Grade: A Professional Review

1st Place Science Fair Projects for 8th Grade represent the pinnacle of middle school scientific inquiry, creativity, and presentation skills. Achieving this top accolade typically requires a blend of originality, thorough research, clear methodology, and impactful results. This article explores what distinguishes these award-winning projects, investigates trending themes, and provides insight into how students can approach their science fair endeavors with a strategic mindset that aligns with judging criteria and scientific rigor.

Understanding the Landscape of 1st Place Science Fair Projects for 8th Grade

Science fairs at the 8th grade level often serve as a critical stepping stone for young students to engage deeply with scientific principles. Projects that earn first place stand out by demonstrating an advanced level of critical thinking, experimentation, and effective communication. The best projects tend to address relevant scientific questions, incorporate data-driven analysis, and offer innovative solutions or observations.

In recent years, the scope of winning projects has expanded to include interdisciplinary approaches, integrating technology, environmental science, biology, chemistry, and physics. This broad spectrum reflects the evolving educational standards encouraging students to apply science in real-world contexts.

Key Characteristics of Award-Winning Projects

Award-winning science fair projects frequently exhibit several key elements:

- **Originality:** Projects that approach a problem from a unique angle or explore less common scientific questions tend to capture judges' attention.
- **Scientific Methodology:** Clear hypothesis formulation, controlled experiments, comprehensive data collection, and logical conclusions are fundamental.
- **Practical Application:** Projects with potential real-life applications or societal impact often resonate more strongly with evaluators.
- **Presentation Quality:** Effective use of visuals, clarity in writing, and confident oral presentation skills enhance a project's overall impression.

These characteristics form the backbone of most 1st place science fair projects for 8th grade students,

REGARDLESS OF THE SPECIFIC SUBJECT AREA.

TRENDING TOPICS IN 1ST PLACE SCIENCE FAIR PROJECTS

A SURVEY OF RECENT SCIENCE FAIRS REVEALS RECURRING THEMES AMONG TOP PROJECTS. UNDERSTANDING THESE CAN GUIDE STUDENTS AND EDUCATORS TOWARD PROMISING AREAS OF EXPLORATION.

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

ENVIRONMENTAL CONCERNS HAVE BECOME INCREASINGLY RELEVANT, AND MANY WINNING PROJECTS ADDRESS POLLUTION, RENEWABLE ENERGY, OR CONSERVATION. FOR EXAMPLE, PROJECTS ANALYZING THE EFFICIENCY OF HOMEMADE WATER FILTERS OR EXPERIMENTING WITH BIODEGRADABLE MATERIALS OFTEN STAND OUT DUE TO THEIR ECOLOGICAL IMPORTANCE AND FEASIBILITY.

HEALTH AND BIOLOGY INNOVATIONS

BIOMEDICAL TOPICS, SUCH AS THE EFFECTS OF NATURAL SUBSTANCES ON BACTERIA GROWTH OR THE IMPACT OF DIET ON HEART RATE VARIABILITY, HAVE GAINED TRACTION. THESE PROJECTS COMBINE BIOLOGY WITH HEALTH SCIENCES AND OFTEN INVOLVE EXPERIMENTS THAT ARE ACCESSIBLE YET SCIENTIFICALLY SOUND.

TECHNOLOGY AND ENGINEERING SOLUTIONS

WITH THE RISE OF STEM EDUCATION, TECHNOLOGY-DRIVEN PROJECTS—FROM SIMPLE ROBOTICS TO PROGRAMMING-BASED EXPERIMENTS—FEATURE PROMINENTLY AMONG WINNERS. EXAMPLES INCLUDE DEVELOPING LOW-COST SENSORS OR CREATING ALGORITHMS FOR OPTIMIZING ENERGY CONSUMPTION, WHICH SHOWCASE TECHNICAL SKILLS ALONGSIDE PROBLEM-SOLVING.

ANALYZING THE PROS AND CONS OF POPULAR PROJECT TYPES

WHILE TRENDING PROJECT TYPES OFFER EXCITING OPPORTUNITIES, IT IS ESSENTIAL TO WEIGH THEIR ADVANTAGES AND LIMITATIONS CRITICALLY.

ENVIRONMENTAL PROJECTS

- **PROS:** HIGH RELEVANCE, EASY TO CONNECT WITH REAL-WORLD ISSUES, OFTEN REQUIRE ACCESSIBLE MATERIALS.
- **CONS:** RESULTS CAN SOMETIMES BE INFLUENCED BY UNCONTROLLABLE VARIABLES SUCH AS WEATHER, AND REPLICABILITY MAY POSE CHALLENGES.

BIOLOGY AND HEALTH-RELATED PROJECTS

- **PROS:** ENGAGING AND RELATABLE TOPICS, OPPORTUNITIES TO USE QUANTITATIVE DATA, AND STRONG POTENTIAL FOR

CLEAR CONCLUSIONS.

- **CONS:** MAY REQUIRE STRICT ADHERENCE TO SAFETY PROTOCOLS AND ETHICAL CONSIDERATIONS, ESPECIALLY WHEN INVOLVING LIVING ORGANISMS.

TECHNOLOGY AND ENGINEERING PROJECTS

- **PROS:** ENCOURAGES CREATIVITY AND PRACTICAL SKILLS, OFTEN VISUALLY IMPRESSIVE AND INTERACTIVE.
- **CONS:** CAN REQUIRE ADVANCED KNOWLEDGE OR RESOURCES, POTENTIALLY LIMITING ACCESSIBILITY.

THESE CONSIDERATIONS HELP TAILOR PROJECT CHOICES TO INDIVIDUAL STUDENT STRENGTHS AND AVAILABLE RESOURCES, INCREASING THE LIKELIHOOD OF SUCCESS.

STRATEGIES FOR SECURING 1ST PLACE IN 8TH GRADE SCIENCE FAIRS

ACHIEVING FIRST PLACE IS NOT MERELY ABOUT SELECTING A TRENDING TOPIC; IT INVOLVES STRATEGIC PLANNING AND EXECUTION. HERE ARE SEVERAL BEST PRACTICES GLEANED FROM ANALYSIS OF PAST WINNERS:

IDENTIFY CLEAR AND MEASURABLE OBJECTIVES

A WELL-DEFINED RESEARCH QUESTION OR HYPOTHESIS THAT CAN BE TESTED EXPERIMENTALLY IS CRUCIAL. AMBIGUOUS GOALS OFTEN DILUTE THE IMPACT OF THE PROJECT AND COMPLICATE DATA INTERPRETATION.

EMPHASIZE METHODOICAL EXPERIMENTATION

CAREFUL CONTROL OF VARIABLES, REPETITION OF TRIALS, AND PRECISE DATA RECORDING ENHANCE SCIENTIFIC CREDIBILITY. JUDGES LOOK FAVORABLY ON PROJECTS THAT DEMONSTRATE RIGOROUS METHODOLOGY.

LEVERAGE VISUAL AND ORAL PRESENTATION SKILLS

AN ENGAGING DISPLAY BOARD, CLEAR CHARTS, AND CONCISE EXPLANATIONS MAKE COMPLEX SCIENCE ACCESSIBLE. EFFECTIVE COMMUNICATION CAN DIFFERENTIATE A TECHNICALLY SOUND PROJECT FROM AN AWARD WINNER.

DOCUMENT AND REFLECT

MAINTAINING A DETAILED LAB NOTEBOOK AND REFLECTING ON UNEXPECTED RESULTS OR CHALLENGES SHOWS DEPTH OF UNDERSTANDING AND MATURITY IN SCIENTIFIC INQUIRY.

EXAMPLES OF 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE

TO PROVIDE A CLEARER PICTURE, HERE ARE ILLUSTRATIVE PROJECT IDEAS THAT HAVE HISTORICALLY EARNED HIGH MARKS:

1. **INVESTIGATING THE EFFECTIVENESS OF NATURAL ANTIBACTERIAL AGENTS ON COMMON BACTERIA** – A BIOLOGY PROJECT TESTING THE ANTIMICROBIAL PROPERTIES OF HERBS LIKE GARLIC, TURMERIC, OR TEA TREE OIL.
2. **DESIGN AND TESTING OF A SOLAR-POWERED WATER PURIFICATION SYSTEM** – AN ENVIRONMENTAL ENGINEERING PROJECT COMBINING RENEWABLE ENERGY WITH HEALTH SAFETY.
3. **IMPACT OF DIFFERENT MUSIC GENRES ON PLANT GROWTH RATES** – AN INTERDISCIPLINARY STUDY EXPLORING BIOLOGICAL GROWTH INFLUENCED BY SOUND WAVES.
4. **DEVELOPMENT OF A LOW-COST AIR QUALITY MONITOR USING ARDUINO** – A TECHNOLOGY-FOCUSED PROJECT MEASURING PARTICULATE MATTER AND POLLUTION LEVELS.

THESE EXAMPLES SHOWCASE THE DIVERSITY AND CREATIVITY OFTEN ASSOCIATED WITH FIRST-PLACE SCIENCE FAIR PROJECTS.

THROUGHOUT THE PROCESS OF SELECTING AND EXECUTING A SCIENCE FAIR PROJECT, STUDENTS BENEFIT FROM MENTORSHIP AND ACCESS TO QUALITY RESOURCES. SCHOOLS AND PARENTS PLAY A SIGNIFICANT ROLE IN NURTURING SCIENTIFIC CURIOSITY AND PROVIDING THE TOOLS NEEDED TO TRANSFORM AN IDEA INTO AN AWARD-WINNING INVESTIGATION.

BY EXAMINING THE FEATURES, TRENDS, AND STRATEGIES BEHIND 1ST PLACE SCIENCE FAIR PROJECTS FOR 8TH GRADE, STUDENTS AND EDUCATORS CAN BETTER NAVIGATE THE COMPETITIVE LANDSCAPE OF SCIENCE FAIRS. THE EMPHASIS ON ORIGINALITY, SCIENTIFIC RIGOR, AND CLEAR COMMUNICATION REMAINS PARAMOUNT, ENSURING THAT THE PROJECTS NOT ONLY CAPTURE JUDGES' ATTENTION BUT ALSO FOSTER A LASTING PASSION FOR SCIENTIFIC DISCOVERY.

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1st place science fair projects for 8th grade: Designing a Winning Science Fair Project

Sandra Buczynski, 2014-08-01 Learn how to design, carry out, and present the results of a science project. Students will use relevant prior knowledge of scientific experiments to present their ideas in a new way. The domain-specific vocabulary helps students grow deeper in their understanding of how to carry out experiments effectively.

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all aspects of getting ready for a science fair. You'll learn how to help students pick their projects, understand what makes for fair judging, and create innovative alternatives. Highly practical and wide-ranging, Science Fairs may be the only guide you'll ever need to run successful fairs at your school.

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1st place science fair projects for 8th grade: Prize-Winning Science Fair Projects for Curious Kids Joe Rhatigan, Rain Newcomb, 2006 New in Paper It's coming sooner than you think--the time to prepare for the next science fair! For projects, for presentation, for blue-ribbon winning ideas, there's no better place to come than here. From thinking of a unique science fair experiment to putting fabulous finishing touches on the display, this cool collection of smart and illustrated projects gives budding scientists everything they need to put together a winner--and have fun doing it, too. Kids have seen all the tricks, and they're tired of science fair books that show them (yawn) how to make the been there, done that volcano or another boring model of the solar system. Here are experiments they really want to do, on subjects such as slime, magic sand, video games, mummies, dog germs, horoscopes, bicycles, and more. The whole science fair experience is broken down into small, manageable steps, so youngsters won't feel overwhelmed. All safety precautions are taken, with notes on parental supervision, when necessary.

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1st place science fair projects for 8th grade: Phineas L. MacGuire . . . Erupts! Frances O'Roark Dowell, 2008-06-23 HERE'S WHAT YOU NEED TO KNOW ABOUT PHINEAS L. MACGUIRE, BOY-SCIENTIST EXTRAORDINAIRE, AKA MAC: 1. He's allergic to purple, telephone calls, and girls, and can prove it. 2. He's probably the world's expert on mold, including which has the highest stink potential. 3. He does not have a best friend. He does, however, have an un-best friend, who he does

not -- repeat, not -- want to upgrade to best-friend status. But disaster strikes when his teacher pairs Mac and his un-best friend together for the upcoming science fair. Worse, this un-best friend wants the project to be on dinosaurs, which is so third grade. Worse still, it seems as though everyone else in his class finds the un-best friend as unlikable as Mac does. But, being a boy-scientist, once Mac notices this, he just might have to do some investigating. This very funny young middle-grade novel includes tantalizingly gruesome experiments for exploding your own volcanoes and imploding marshmallows.

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