

FIFTEENTH ANNUAL ROCHESTER PUBLIC SCHOOLS

SCIENCE

FAIR

1973

ELEMENTARY DIVISION

February 28, March 1, 2, 1973

Coffman Library Hall
and South Gym

Coffman Building

SECONDARY DIVISION

March 1 and 2, 1973

North Gym
Coffman Building

Rochester Public Schools

VIEWING EXHIBITS

Elementary classes may arrange to visit exhibits as a group on Thursday or Friday from 8:30 a.m. to 3:30 p.m.

The Public is invited to visit the exhibits at the times listed above and also on Wednesday and Thursday evening from 7:00 to 9:00 p.m.

JUDGING

Secondary projects will be judged on Thursday evening March 1st. The Exhibit Halls will be closed to the public from 4:00 to 7:00 p.m. for judging.

Elementary projects are not judged.

Projects judged superior will be entered in the Regional Science Fair at Winona State College, Winona, Minn. on March 16, 17, 1973.

PURPOSE

Science projects require a student to use his initiative and go beyond routine classwork, to do independent and creative work, to use the best that is in himself to try to understand some part of the world about him, and finally, to communicate effectively what he has learned to other people. Science Fairs exist to encourage these activities.

ROCHESTER PUBLIC SCHOOLS SCIENCE FAIR COMMITTEE

W. R. McKibben
Mahlon Wissink
Marvin Mikesh
Duane Mau
Duane Dailey
Harry L. Buck
Everett M. Walton

John Marshall High School
Mayo High School
John Adams Junior High School
Kellogg Junior High School
Assistant Director, Central Jr. High
Director, Quarry Hill Nature Center
Science Consultant, Rochester
Public Schools

Elementary Principals

Our thanks to participating teachers and elementary principals for their interest and fine cooperation.

JUDGING STAFF

Representing the American Society of Mechanical Engineers

Mr. Calvin Anthony
Mr. David Isaacson
Mr. Steve Kiss

Mr. David Sippel
Mr. Gary Stroebe

Representing the Mayo Clinic

Mr. P. Burnett
Mr. Wm. Dunette
Dr. R. Ellefson
Dr. J. D. Jones
Dr. C. Lucas

Dr. H. Markowitz
Dr. H. L. Mason
Dr. S. Petersburg
Dr. T. Smith
Dr. P. Zollman

Representing Rochester State Junior College

Mr. Ronald Hall

Representing the Rochester Public Schools

Mr. S. Bailey
Mrs. D. Harboe
Mr. A. Strom

Mr. M. Wissink
Mrs. D. Cansler

Olmsted County Environmental Science Committee

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

BAMBER VALLEY

1	Smith, Martha L.	My Friends, the Birds	Bernard
2	Kelly, Rosemary	An Electrical Circuit	Barrett
2	Ostrander, Brad	Electricity from Lemons	Barrett
3	Carroll, Todd R.	Rock Tumbling	Bock
3	Cleeremans, Margaret	Dark Objects Attract More Heat than Light Objects	McLean
4	Benson, Kris A. Ruppert, Karen J. Kiss, Annemieke S.	Plants and How They Grow	Bottin
4	Elliott, David Jim	Reptiles	Erickson
4	Kelly, Heather M.	Pulleys	Erickson
4	McNevin, Kathleen M.	Shells from Florida	Erickson
4	Pierson, Teresa M. Nisbit, Wedy L.	The Heart and How It Works	Bottin
4	Smith, Kelly D.	The Lung	Bottin
5	Banfield, JoEllyn McKay, Montgomery M. Rehder, Joerg	Digestion	Fister
5	Fjelsted, Matthew A. Sandvik, Bradley K. Timbeross, Steve J.	How the Steam Engine Works	Fister
5	Goldsmith, Mark A.	The Voltaic Pile - the First Battery	Espenson
5	Kelly, Erin E. Mayo, Lilli M.	Eohippus, the First Horse	Espenson
5	Peterson, Dawn L. Peterson, Kathryn L. Espinosa, Lisa A. Norman, Sue K.	Horses and Their Diet	Fister
5	Swan, Marguerite K. Peters, Susanne M.	Our Universe	Fister
5	Werthman, Dan E.	Barometers	Espenson

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

BAMBER VALLEY. (Continued)

6	Dines, David E.	Drilling for Oil	Willis
6	Tolman, Kimberly S.	Converting Electrical Energy to Heat Energy	Willis

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BANDEL

2	Gonnella, Paul F.	Rock Collection	Larson
2	Mathews, Joel J.	Mysterious Flowers	Larson
2	Sharp, Lisa K.	Terrariums	Larson
2	Slawson, Julie A.	The Baltimore Oriole	Larson
2	Thompson, Andrew L.	Formation of a Volcano	Larson
3	Cassiday, Paul	How to Start Plants	Knapp
3	Gonnella, Mark	Growing Carrots in Winter	Knapp

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HARRIET BISHOP

1	Meyers, Paula A.	Old Smokey	Swanson
2	Kobliska, Michael	Cat's Skeleton	Hansen
3	Bollesen, Marta B.	Effect of Insulation	Westlund
3	Butterbaugh, Matt A.	Solar System	Bjugan
3	Jack, John F.	Prehistoric Life	Bjugan
3	Jager, Karen L. Turner, Suzanne	Gerbils	Ohr
4	Harvey, Scott E.	Rifles	Stienessen
4	Patton, Thadd Frye, Mark	Electronic Telegraph	Paukert
5	Albrant, Daniel H. Butterbaugh, Jeffery W. Langeuin, Bruce R.	The Human Eye	Kelly
5	Arntson, Jeffrey Allen	The Ear	Kelly
5	Asfahl, Dee A. Burton, Robyn L.	Drugs	Johnson

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

HARRIET BISHOP (Continued)

5	Bramble, Jim J.	Cow's Stomach	Danielson
5	Brennan, Monica A. Knutson, Shelly K.	All About Domestic Cats	Danielson
5	Ciarletta, Wendy S. Lehnertz, Sue K. Rehbein, Darla R.	All About Horses	Danielson
5	Johnson, Beanna L.	Are You Going to be an Alcoholic When You Grow Up?	Danielson
5	Mathre, Mimi L. Mathre, Hanna F.	Our Solar System	Danielson
5	Meyers, Bruce E.	How a Lighthouse Works	Danielson
5	Rueber, Dale R.	Rock Collection	Kelly
5	Sanders, Alan C.	Light Failure Alarm	Kelly
5	Talcott, Danny J.	Static Electricity	Kelly
5	Turner, Debbie, S. Brink, Karen L.	The Eye	Temple
5	Werner, Lance M.	How a Buzzer Works	Danielson
6	Allen, Elizabeth H.	How Plants Can be Used to Make Dyes for Cloth	Mueller
6	Bouise, Lisa Marie	The Sun and Nine Planets	Mueller
6	Clemas, Mary Low Johnson, Dawn Marie Ciarletta, Ann Caroline	Chemical Garden	Floyd
6	Collins, Chris Shawn Warfield, Jeff Lee	The Human Body	Olsen
6	Danielson, Terry L. Towne, Doug T.	Pollution	Floyd
6	Larison, Patricia L. Madsen, Mara B.	Pollution	Mueller
6	Lehnertz, Dani J. Streyle, Dave L.	Volcanoes	Mueller
6	Lucas, Dede A.	Skill Game	Mueller

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
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HARRIET BISHOP (Continued)

6	Robinson, Wendell F. Brunner, Kent A.	The Computer	Olsen
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BURR OAK

1	Burmester, Daniel C.	Agates	Bernard
1	Pagel, Diana L.	How Do Seeds Grow?	Bernard
1	Paulson, Heidi K.	Terrarium	Bernard
2	Barke, Carol J.	How Plants Grow	Loftus
2	Baumler, Cynthia A.	Frogs	Thompson
2	Blomgren, David W.	Care of Snakes	Loftus
2	Ingalls, Cynthia M.	Rock Collection	Thompson
3	Kaehler, Mark D.	Snowmobiles	Benson
3	Mork, Thomas R.	Model of a Beaver Dam	Clark
3	Peterson, Daniel O.	Clouds	Benson
3	Roeder, Michael D.	ElectroMagnets	Benson
3	Stamman, Terrell J.	Electric Magnet	Clark
4	Mork, Terri D.	Model of a Volcano	Pagel
4	Paulson, Jill E.	Horses	Benson
4	Simmons, Kathleen M.	Growing Seeds	Benson
4	Williams, Boyd D.	Classification of Rocks	Pagel
5	Boysen, Heidi M.	Prehistoric Life	Sparrow
5	Jones, Cynthia A.	The Ear	Sparrow
5	White, Roxanne A.	Indians	Sparrow
6	Jones, Lori A.	Water Evaporation	Madson Rouhoff
6	Pagel, Eric A.	Anatomy of a Milk Factory	Madson Rouhoff
6	Stowe, Gary L.	Clouds	Madson Rouhoff

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>WINSTON CHURCHILL</u>			
2	Olson, Andrea J.	Ladybugs	Workman
3	Eberman, Brian S. Klotz, Cathy M.	Our Solar System	Manteufel
3	Ferdinande, Sherry	Crystal Garden	Manteufel
3	Gordon, Kristin S. Gove, Sara E. Segar, Lori K.	Four Food Groups	Manteufel
3	Hirman, Matt R. Burbank, Mark A.	The Motor	Bigelow
3	Johnson, Tami J.	Terrarium	Manteufel
3	Mischler, Susan L. Wadel, Karen E.	Rocks	Manteufel
3	Schreurs, Jacqueline Kueker, Myra J.	Shells of the Sea	Haugen
3	Trelstad, Kari E. Olson, Susanne T.	Solar System	Haugen
3	Winter, Tom P. Charron, Tim K.	Rockets	Manteufel
4	Hammer, Marcia K. Anderson, Jamie M.	Bees	Schuler
4	Naylor, Beth M. Hoffmann, Tammy M.	Rockets	Schuler
5	Latterell, Mary S.	Rocks and Minerals	Stender
5	Michael, Laurie A. Rose, Judy A.	Model of Moon and Sun	Stender
5	Pierre, Amy A. Newman, Lisa J.	All Kinds of Pollution	Willkomm
5	Rohland, Tim W. Brance, Denny P.	The Moon	Willkomm
6	Rooney, Jim A. Rink, Karl K.	Electricity Drop by Drop	O'Reilly

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>EDISON</u>			
1	Wilder, Anne C.	Avocado Plant	Heimer
3	Dinapoli, Susan L. Snesrud, Ann E. Peterson, Sandra J.	Math Machine	Schroedel
3	Henderson, Patricia M.	Candles	Schroedel
3	Odyniec, Lisa A. Dinapoli, Carolyn A. Evans, Allyson A.	The Pumping of a Cow's Heart	Peterson
3	Thomas, Jane F.	Air Thermometer	Schroedel
3	Wilder, Thomas C. Beck, Chris B.	The Night Sky Constellations	Peterson
4	Atrubin, Alexandra L.		Albert
4	Campbell, Andrew R. Gleich, Martin C.	Rocks	Ross
4	Siem, Greg D. Maus, Jeff B.	Air Filter	Albert
4	Simons, Jim R. Sheedy, Tim M.	Telegraph	Albert
4	Smith, Randy S. Thomas, Joseph P.	Radio and Volcano	Ross
4	Zollman, Helen L. Braun, Dianne M.	Monkeys	Ross
5	Glatzmaier, Maria C. Seeger, Lynn T. Love, Becky J.	The Sense of Taste	Buryska
5	Manesis, Staphanie M. Reeve, Mary L.	Everything You Always Wanted to Know About the Eye...	Buryska
6	Muir, Ken M. Leonard, Paul A.	Electrolysis	Milburn

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

ELTON HILLS

3	Brandvold, Susan	Tornadoes	Rucker
3	Chaves, Maria	Whitewater Pebbles	Allen
3	Dalquist, Dawn	Shells	Allen
3	Daly, Tom	Volcano	Cousineau
3	Grant, David	Tin Can Motor	Allen
3	Harris, James	Jet Engines	Loosbrock
3	Hoffman, Todd	Beaver Dam	Rucker
3	Holt, Melinda	Creating Color With Light	Rucker
3	Iverson, Jack	Food Chain	Cousineau
3	Nelson, Dan	Air and Earth Temperature	Cousineau
3	Reid, Beth	Deciduous Leaves	Allen
3	Tjepkes, Eric	Effect of Soil on Growth of Seed Plants	Rucker
4	Feeser, Kent	Ecology	Thom
4	Hesse, Linda	Detergent Affecting Plant Life	Ostrom
4	Keillor, Bruce	Pinhole Camera	Johnson
4	Minske, Bradley	Purification of Water	Butlin
4	Restad, Paul	The Whales	Butlin
4	Rownd, Debbie	Shells	Ostrom
4	Wong, Lawrence	Wild Cats of Africa	Thom
5	Grant, Kim Fried, Colleen	What's in a Log	Bredeson
5	Hawley, Kristine	Water Pollution	Zeller
5	Hoffman, Michael	The Electric Motor	Grettenberg
5	Larsen, Paul and Mary Jo	Air Expansion and Compressed Air	Grettenberg
5	Peterson, Stephanie	The Heart	Holst

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

ELTON HILLS (Continued)

5	Rosenblad, Joyce	Parts of a Flower	Holst
5	Taylor, Laura	Oil and Its Story	Zeller
5	Wilcox, Jill	The Heart	Bredeson
5	Williams, Ann	The Eye and How it Works	Holst
6	Birka, David	How Car Brakes Work	Wollin
6	Hoffman, Jeff	Pollution Problems	Yust
6	Matzke, Patrick	Ecological Evolution	Yust
6	Moore Mitchell	Bristle Cone Pine Tree	Wollin
6	Ross, Cynthia	Human Heart	Wollin
6	Tardy, Theresa	Comparison in Gerbils Learning Ability	Yust

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BENJAMIN FRANKLIN

1	Blck, Beth	The Common Cold	Nordland
1	Cram, Dale	Climate	Nordland
1	Degnam, Kathleen	Seeds	Larson
1	Judd, Heidi	I Change as I Grow	Nordland
1	Whitney, Morris	How Seeds Grow	Nordland
1	Ogee, Michelle	Corn-grinding Stone	Larson
1	Walsen, Darlene	The Tooth	Nordland
2	Botton, Teddy	Plants	Johnston
2	Poch, Brian	Rocks	Johnston
2	Rockers, Kim	Polished Rocks	Miller
2	Saterdalen, Scott	Re-loading a Shell	Miller
2	Speirs, John	Rabbits	Johnston
3	Gray, Daniel		Watson

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
Ben Franklin Cont.			
3	Krulas, Mark	Magnets and Magnetism	Vardsveen
3	Rosedahl, Kyle	The Abacus	Vardsveen
4	Mercer, Steven	Periscope ⁶	Anderson
4	Walser, Debby	Parts of a Flower	Melvin
5	Bailey, Doug	Electricity	Slindee
5	Black, Kay McWaters, Kelly	Drugs	Slindee
5	Gray, Kathy	Electric Light Bulb	Love
5	Halling, Bradley Warfield, Kenny	Shells	Slindee
5	Heim, Nancy	Cattle	Love
5	Larsen, Liz	Direct Current Experiment	Love
5	Schacht, Greg	Radar	Slindee
5	Schuchart, Amy	Sea Shells	Love
6	Erdman, Peter	Elevator	Valentine
6	Schacht, Vicky	The Brain	Valentine
6	Smith, Leanne	Drugs	Pernu
6	Sorensen, Carrie	Rocks	Pernu

ROBERT GAGE * * * * *

1	Clark, Raymond J.	Growing Radishes	Horton
1	Soderstrom, Gerry	Electromagnets	Smith
1	Zwart, Derek	Bird House	Smith
2	Cisewski, Thomas	Sea Shells	Mitby
1-2	Davanzo, Carmen Davanzo, Jerry	Our Solar System " " "	Mitby Horton
2	Hughes, David	Rock and Shell Collection	Bowman
2	Kangur, Tonu	Seashore, Fish, Plants Creatures	Bowman

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
Robert Gage Cont.			
2	Wallace, Robert	Forcing Hyacinths In- doors	Bowman
3	Freeman, Andrew	Molds	Johnson
3	Korth, Laura	Drugs	Lee
3	Sanford, Laura	Water Pollution	Johnson
3	Smith, Russell	Rock Collection	Lee
4	Anderson, Patty	Can A Mouse Remember?	Rivard
4	Utesch, Gary Kohlmeyer, Kent	How Plants Grow	Rivard
5	Aakre, Thor Geyer, Greg	Crystals	Power
5	Bartz, Dawn	Electric Motor	Washechek
5	Casanova, Amy	Smoking	Washechek
5	Goodman, Julia	How Mold on Bread Works	Power
5	Lee, Ted	Give Earth a Chance	Power
5	Wallace, William	Tornadoes	Washechek
6	Atkinson, Carla Chesnutt, Joan	Plankton	Gray
6	Check, Steve	Simple Battery	Gray
6	Krautkremer, Lora Vesey, Jody	Camera	Dodd
6	Murray, Rith	Pollution	Gray

GOLDEN HILL SCHOOL

2	Brinson, Kris	Volcanic Poster	Corcoran
2	Brown, Kris	Story of a Volcano	Kaley
2	Hansen, Greten	Stars at Night	Kaley
2	Hartert, Julie	Cereal Bowl	Kaley
2	Hawkins, Michael	Volcano	Kaley

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
Golden Hill Cont.			
2	Howard, Lisa	Rock Collection	Corcoran
2	Willians, Robert	Bird Nest	Corcoran
3	Clark, Wade	Telegraph	Stocker
3	Gibson, David	Electric Current Detector	Stapleton
3	Gismondi, Mark	Astrolab	Stapleton
3	Hansen, David	One Transistor, Diode Detector Radio	Stapleton
3	Helmerick, Lori	Growing a Terrarium	Stapleton
3	Koenig, Carol	The Solar System	Stocker
3	Knapp, Scott	Plant Cycle	Stocker
3	Mitchell, Joel Patterson, Thomas	Battle of the Bulge	Stapleton
3	Smick, Mary Lee Smick, Mary Kay	Working With Litmus Paper	Stapleton Stocker
3	Lundskow, Karen	Telephones	Stocker
3	Nesler, Natalie	Volcanoes	Stocker
4	Anderson, Robert Ewing, Bill	Keys to Electricity	Wileman
4	Clark, Kevin	Magnetism	Wileman
4	Clark, Roger	Electromagnet	Mueller
4	Jenkins, Lynn	Magic Rocks	Wileman
4	Lindberg, Denise	Beaver Lodges	Mueller
4	Morten, Patty	Osmosis	Mueller
4	Nassif, Debra	Birds of Many Lands	Wileman
4	Shipway, Mike	Home-made Pinhole Camera	Mueller
4	Toogood, Rodney	The Electroscope	Wileman
5	Clark, Shari	Terrarium	Kukuske

GRADE
LEVELSTUDENTPROJECT TITLETEACHER

Golden Hill Cont.

5 Dorf, Scott
Anderson, Matt

The Electric Telegraph

Kukuske

5 Holsteen, Lorri

Electronic Organ

Kukuske

5 Klause, Janet
6 Muentner, Svenja

Silkworms

Kukuske

5 Knutson, Kari

Pendulum

Reiners

5 Robl, Kathy

Molds

Reiners

Whynaucht, Vicki

5 Smick, Maureen

Acid-Base Indicators
Substances Containing
Acids Bases

Kukuske

6 Berg, Dave

Battery and Generator

Anderson

6 Chambers, Gary

Sea Life

Anderson

6 Connell, Jack

Crystal Radio

Braun

6 Hein, Todd

Horse's Skull

Anderson

6 Koenig, Jerry

How Pigeons Digest Their
Food

Anderson

6 Nassif, Mike

Mammals

Anderson

6 Peterson, Mark

Water and Its Pollution

Braun

6 Schumann, Marc
Hemker, Jim

Volcanoes

Braun

6 Severson, Gary

The Solar System

Anderson

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>HADLEY VALLEY</u>			
1	Frye, Cynthia A.	Potato Plant	Lidtke
2	Hamlin, Collin D.	Shell Collection	Thompson
2	Kahabka, Doy, e J.	Tomato Plant--in salt and plain water	Thompson
2	Kari, Duane R.	Volcano Model-Picture labeled	Thompson
2	Layton, Gregory K	Seed Collection	Thompson
2	Moe, Corinna R.	Grow A Potato	Thompson
2	Narveson, Jill L.	An Aquarium	Thompson
3	Jensen, Ricky Leo	Model Moon	Hill
3	Mahon, Duane David	Electricity	Hill
3	Pearson, Sandy Renee Smith, Kim Sue	Shell Collection	Hill
3	Rappe, Mark Edwin	Color Experiment with Celery	Hill
3	Schoenmann, Mark Berge, Tom Earton	Conductor	Hill
3	Siegmann, Billy W. Reicy, Joe Alan	Plant Growth - Onions	Hill
3	Sleeper, Kathleen Joy Zitzmann, Kim Marie	Ivy Plants	Hill
3	Truax, Scott Alan	Rock Collection	Hill
3	Vagt, Alan A.	Wheels	Hill
3	Westagaard, Miles A.	Periscope	Hill
<u>HAWTHORNE</u>			
2	Porter, Mark S.		DeVogel
3	Christenson, Sally J.	Trees	Nadolski
4	Helleck, Hally S.	Pollution	Kniss
5	Wentworth, Jon R.	Electric Lighting	Browning

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>HAWTHORNE</u> (Continued)			
6	Brune, Jeffrey D. Wheeler, Todd A.	How A Telephone Works	Pluth
6	Hananberger, Anthony Seidel, Rodney	Pigeon Dissection	Pluth
6	Hicks, Philip W. Huntley, Patrick C.	Crime and Detection	Pluth
6	Quast, Sylvia A.	Atoms	Pluth
6	Wentworth, Todd D.	Atoms - Molecules	Pluth
<u>HERBERT HOOVER</u>			
1	Bodner, Rachel A.	Bees	Merkel
1	Kneale, Andrea L.	Colors Fade	Lautzenhiser
2	Baumgartner, Mark J.		Allen
2	Fine, John M.	Crystal Garden	Wittlief
2	Kinder, Sara L.	Sound and Music	Allen
2	Sebesta, Mark K.	Crystal Garden	Wittlief
3	Hansen, Jonas P.	Conductivity of Electricity	Pierce
3	McDonough, Tammy	The Soo Locks	Pierce
3	Walker, Fanya L.	Cacti and Succulents	Frank
4	Bodner, Hazel E.	Plants We Eat	Okerman
5	Albright, Ty	Molds and Mildews	Heitkamp
5	Kneale, Angela M.	Comparing Winter Temp- eratures in Four Cities	Heitkamp
5	Miller, Lisa A.	Desirable and Undesirable Bacteria	Heitkamp
5	Nelson, Debbie L.	The Story of Tooth Decay	Heitkamp
5	Ross, Elizabeth L.	Dogs	Olcott
5	Savage, Susan M.	Plants	Larson
5	Vowels, Dana Leigh	Columbia Icefield	Heitkamp

HERBERT HOOVER (continued)

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
6	Fields, Debbie J.	Dangerous Drugs	Muller
6	Holcomb, Laura J.	Computers	Reinartz
6	Malone, Margaret A. Russ, Amy J.	The Human Body's Important Organs	Muller
6	Nelson, Scott A. Coleman, Chris L.	The Modern Day Lighthouse	Heyer
6	Novak, Tracy A.	The Heart	Heyer
6	Wenner, Mark J.	Birds	Heyer

JEFFERSON SCHOOL

1	Derksen, Scott	Birds	Crandall
1	Christensen, Paula	What Birds Eat	Passi
1	Bietz, Karl	Magnets	Gregersen
2	Baker, Charles	Volcano	Frank
2	Nigbur, Michael	Dippers	Mix
2	Loeding, Laura Loeding, Lisa	Bone Marrow	Randby
3	Mau, Greg	Growing Plants Without Soil	Seydel
3	Anderson, Glenn	Electricity and Magnetism	Morcomb
3	Greenwaldt, Scott	Volcano	Strouckel
3	Vilter, Ann	Lego Math	Strouckel
3	Carpenter, Danny	Solar Cell	Seydel
3	Christensen, Peggy	Fossils	Strouckel
4	Reiter, Luann	Housefly	Mount
4	Ellefson, Jon	Pollution	Mount
4	Southwick, Charles	Beavers	Mount
4	Burnett, Mary	Homemade Soap	Bunge
4	Elfrink, Steve	Circuits	Paine
4	Smith, Sara	Dentistry	Jaschinski

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>JEFFERSON SCHOOL (continued)</u>			
4	Meisky, Donna	Water Cycle	Jaschinski
4	Speltz, Michael	Solar System	Jaschinski
5	Olson, Rebecca	Water	Burfeind
5	Funk, Tom	Time	Krueger
5	Daniels, Peter	Star Box	Krueger
5	Burfeind, David	Weather	Krueger
5	Reiter, Jerry	Manometer	Krueger
5	Zell, Jim	Brain Model	Krueger
5	LaVoi, Daren	Volcanoes	Krueger
5	Gorbatenko, Jeanne	How An Airplane Flies	Krueger
5	Vilter, Paul	Changing Rotational Motion to Linear Motion	Wing
5	Hinds, Jane	Electric Buzzer	Wing
5	Anderson, Tim Bietz, Mike	Telegraph	Wolfram
6	Driscoll, Bob	Road Construction	Aasum
6	Haller, Mary Laitala, Peggy	Microscope Parts & Uses	Aasum
6	Whisnant, Jim	Visual Pathways	Aasum
6	Ekhoff, Bruce Johnson, Bill	Solar System	Pfeifer
6	Sorenson, Brenda Sokol, Tina	Rocks, Fossils and Shells	Pfeifer
6	Schnelle, Gena Morse, Kathy	Light Projector	Pfeifer
6	Thoresen, Norine	Horses	Pfeifer
6	Miller, Janet	Horses	Pfeifer
6	Elfrink, Michelle Huus, Kari	Heart and Lungs	Van Oort
6	Schad, Melia	Seed Collection	Van Oort

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>JEFFERSON (continued)</u>			
6	Diamond, Jay	Fossils	Van Oort
6	Williams, David	California Sequoias	Van Oort
<u>LINCOLN SCHOOL</u>			
3	Gernes, Kristin C.	Light	Prouty
3	Hanson, Connie J.	Stars	Prouty
3	Hoppe, Steven E.	Drugs and How They Harm You	Prouty
3	Keagy, Ann M.	Plants and How They Live	Prouty
3	Stonionis, David P.	Fossils and How They are Formed	Prouty
3	Reding, Daniel R.	Dogs and Their Bodies	Prouty
4	Schmoll, Gwen	Filter System of a Swimming Pool	Mensink
4	Stonionis, Danny	Cliff Dwellers	Mensink
4	Toddie, Lynn	Australia's Animals	Mensink
5	Braendlin, Sylvia	Lung Cancer	Farnham
5	Buckholz, Ann	Cigarettes	Farnham
5	Ford, Laura	Horses	Farnham
5	Gernes, Kyle	Paper (How It Is Made)	Farnham
5	Hesley, Susan	Galls	Farnham
5	Mullenbach, Mark	Stone Age Man	Farnham
5	Tompkins, Julie	Plants	Farnham
6	Bawek, James A.	Engine	Kinneberg
6	Buckholz, Jim L.	Moon Base	Kinneberg
6	Hanson, Bonnie J.	Kangaroos	Kinneberg
6	Laqua, Larry L.	Survival	Kinneberg
6	Pathoulas, Kula E. St. John, Shelly	Heart	Kinneberg

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>LINCOLN SCHOOL</u> (continued)			
6	Reding, Gary K.	Telegraph	Kinneberg
6	Springer, Janalee J.	Terrarium	Kinneberg
6	Thomas, Frances E.		Kinneberg
6	Von Wald, Lisa M.	Land Erosion	Kinneberg
<u>LONGFELLOW SCHOOL</u>			
3	Harty, Dan	Spices	Johnson
3	Johnson, Terry	Burglar Alarm	Johnson
3	Karsten, Dale	Trains	Cuffel
3	McKenzie, Jeff	Electricity	Cuffel
3	Timm, Lori	Onion Plant	Johnson
4	Conway, James	Models	Speer
4	Cushman, Laura	Turbines	Speer
5	Barberg, Cindy Seidel, Lori	How Chicks Hatch	Frettem
5	Dunford, Tom	Wood Duck	Searles
5	Hawkins, Scott	Rocks and Fossils	Searles
5	Jobe, Larry	Reptiles & Amphibians	Frettem
5	Johnson, Todd	Airport	Frettem
5	Neher, Mark	All About Weather	Searles
5	Timm, Brenda	Water Table	Searles
6	Boxrud, Jody	Acids	Wilson
6	Langmaack, Robert	Volcanoes	Besse
6	Neher, James Baier, Terry	V-8 Engine	Wilson & Besse
6	Rud, Tom	Gun	Wilson
6	Rennie, Scott	Drugs	Wilson
6	Thompson, Lori	Pigeons	Wilson

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
<u>NORTHROP</u>			
K	Heins, Patricia J.	Lilac Branch in Vase of Water, Budding	Ward
2	Buck, Molly K.	What a Bird Nest is Made Of	Montgomery
4	Nichols, Dawn M.	Air Pollution	Bothun
4	Walbruch, Laurie J.	Magic Garden	Bothun
5	Nichols, Michael J. Clough, Sharon M.	Artificial Ear	McAleer
6	Ahmann, Steve L. Adams, Jay B.	Reflection of Light	Gustafson
6	Berg, Jeffrey M.	Pinhole Camera	Romstad
6	Nordstrom, Kim D.	Saturn V Rocket	Gustafson
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<u>ORONOCO</u>			
3	Johnson, Denise K. Haglund, Brenda M.	Air, Water, and Land Pollution	Anderson
3	Mattison, Jim W.		Anderson
3	Mulholland, Robyn S.	Volcano	Anderson
3	Ondler, Eric J.	Chain Reaction	Anderson
3	Ward, Darrell L.		Anderson
3	Wittlief, Wendy S.	Bugs	Anderson
4	Dunnington, Ann K.	Air Pollution	Fitschen
4	Lilja, Mark A.	Rain Guage	Fitschen
	Phelps, Kathy Wittlief, Susan M. Burt, Michelle A.	Magnificent Machine	Fitschen
4	Stolp, Fawn R.	Water Pollution	Fitschen
4	Wittlief, Susan M.	Rocks From Around the World	Fitschen

<u>GRADE LEVEL</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>TEACHER</u>
1	Flickinger, Michelle D.	Shells	Zimmerman
1	Kough, Susan	Shells	Zimmerman
2	Rueb, Lori G.	Fish	Zimmerman
2	Sather, David H.	Some Physics I Know	Zimmerman
3	Anderson, Brian W.	Good and Bad Conductors of Electricity	Zimmerman
3	Flickinger, Robin L.	Effect of Soil on Plant Growth	Zimmerman
3	Huisman, Mona J.	Rocks	Beulah
4	Benson, James L.	Wild Mammals of the World	Zimmerman
4	Case, Dorothea J.	Using Liquids in Many Ways	Zimmerman
4	McKay, Karen J.	Tongue	Zimmerman
4	Yates, Randall J.	Seeds: Germination and Growth	Zimmerman
5	Anderson, Ronald L.	Cameras	Harrington
5	Kappauf, Tamara A.	Lake Superior Agates	Harrington
5	Wallace, Rebecca A	Rocks	Harrington
6	Sather, Paul R.	More Than Meets the Eye: Microscopic Study of Life in Water	Ellefson
6	Weiby, Gary M.	Volcano	Ellefson
6	Wood, Rebecca A.	Types of Worms Found in A Dog	Ellefson

WASHINGTON SCHOOL

2	Chumbley, Jim	Sea Shells	Thamert
3	Ferschweiler, Monica A. Berg, Sara	All Plants Need Light	Joseph
3	Frear, Scott	Volcanoes	Joseph
3	Schumann, Kari L.	Moisture Content of Snow Cable	

GRADE
LEVEL STUDENT

PROJECT TITLE

TEACHER

WASHINGTON. (Continued)

4	Graves, Sharon P.	The Clouds	Fitzgerald
4	Polansky, Nancy H.	Molds	Fitzgerald
4	Ruffalo, Steve L.	Evaporation	Fitzgerald
5	Reeves, Robert A.	Our Solar System	Olson
6	Clark, Michael W.	Estes Rockets	Bomgaars
6	Fagerholm, Katherine F. Hastings, Barbara J.	Bees and Wasps	Healy Bomgaars
6	Hust, Tony J. Brumm, Chip W.	Making Soap	Healy
6	LeClaire, Denise J. Nelson, Lori A.	Dangerous Drugs and Narcotics	Healy
6	Rohrbaugh, Dick F.	Snow Flakes	Healy
6	Solem, Renae L.	Nutrition	Healy
6	Thomas, Pat A.	Radio Telescope	Healy
6	Wolfgram, Kim R. Powell, Peggy A.	Hatching Chickens	Bomgaars

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>TOPIC TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>SEVENTH GRADE BIOLOGICAL SCIENCE</u>				
7-101	Billings, Pat	Report on Gorilla Behavior	Central	Kelly
7-102	Bishop, Celia	Effect of Fertilizer on Plants	Central	Kelly
7-103	Bollman, Suzanne	Effect on Plants by Different Elements in Water	Central	Kelly
7-104	Derouin, Barb	Effect of Magnetism on Plants	Central	Kelly
7-105	Donadio, Elizabeth	Vitamin Deficiency: Ascorbic Acid	Kellogg	White
7-106	Dreyer, Beth	Dogs	Central	Kelly
7-107	Engel, Andy	Paramecia: Locomotion	Central	Kelly
7-108	Espinosa, Helen	Diffusion Through a Membrane	Central	Kelly
7-109	Fontana, Katie	The Nervous System	Central	Kelly
7-110	Garbisch, Jane Bauer, Diane	Drugs	Kellogg	White
7-111	Gleich, Jenny	Proteins in Food	Central	Kelly
7-112	Hartfield, Mark	Which Plant Grows Better?	Central	Kelly
7-113	Herbert, Lili	Brain Patterns	Central	Kelly
7-114	Hewitt, Janet	Grafting	Central	Kelly
7-115	Hofmann, Anthea	The Effect of Light Color on the Growth of Plants	Central	Kelly
7-116	Hooper, Ronnie	What is Mold?	Central	Kelly
7-117	Johnson, Vicki	Yeasts and Molds	Central	Kelly
7-118	Jones, Petra	Investigating the Effect of Thyroxine and Heat on Tadpoles	Central	Kelly

7-119	Karnes, Carol	The Effect of Different Colors of Light on Bean Plants	Central	Kelly
7-120	Keagy, Rose	Cerebrum	Central	Kelly
7-121	Kruger, Jenny	The Growth of Plants	Central	Kelly
7-122	Laney, Diane	Molds	Central	Kelly
7-123	Laumann, Sara	Factors Affecting Algae	Central	Kelly
7-124	Lee, Diane	Effect on Growth of Plants in Light and Dark	Central	Kelly
7-125	Lindberg, Debbie	Molds and Their Growth	Central	Kelly
7-126	McCormack, Mike	The Effect of Certain Chemicals on Bacteria	Central	Kelly
7-127	McNutt, Michael	Relationship of Environment to Intelligence	Central	Kelly
7-128	McPherson, Cathy	Seed Germination And Factors Affecting it	Central	Kelly
7-129	Means, Jeff	Rabbits	Central	Kelly
7-130	Meilahn, Carri	The Effect of Artificial on Plants	Central	Kelly
7-131	Nash, Robert	The Effect of Light on Plants	Central	Kelly
7-132	Nelson, Lavonne	The Hip and Hip Fractures	Central	Kelly
7-133	Neubauer, Cindy	Mold	Central	Kelly
7-134	Newkirk, Jill	Molds of Different Kinds	Central	Kelly
7-135	O'Duffy, Siohhan	Genetics-The DNA Molecule	Central	Kelly
7-136	Paine, Dawn	Frogs	J. Adams	Baily
7-137	Peterson, Elizabeth	Testing Household Foods for Starch	Central	Kelly

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>SEVENTH GRADE BIOLOGICAL SCIENCE</u>				
7-138	Peterson, Susan	Light Influence of Early Growth	Central	Kelly
7-139	Rieke, Alan	The Sensory System of Fishes and How It Relates to Fishing	Central	Kelly
7-140	Robb, Karen	Finding Out Where Mold Grows Best	Central	Kelly
7-141	Roeder, Lori L.	Plant Diseases (report)	Central	Kelly
7-142	Scheurle, Sigurd	Effect on Fish of Changes In Their Environment	Central	Kelly
7-142	Schroeder, Jeff	Conditions Needed for Growth	Central	Kelly
7-144	Sheps, Susan	The Effect of Sound On A Pepperonia Plant	Central	Kelly
7-145	Shorter, Lindsay	Malaria	Central	Kelly
7-146	Hepper, Margaret Smith, Allison	Comparison of Tar Content Between Little Cigars and Cigarettes	Kellogg	White
7-147	Spittell, Martha	How Is Your Lawn	Central	Kelly
7-148	Swanson, Bruce	The Effect of Iron and Other Fertilizers on Bean Plants	Central	Kelly
7-149	Turlington, Bruce	Protozoans	Central	Kelly
7-150	Walser, Denise	Bees and Honeycomb	Central	Kelly
7-151	Weeks, David	Effect of Water on Stems, Leaves and Roots	Central	Kelly
7-152	Wiltsie, Diane	Mold	Central	Kelly
7-153	Wyant, Sandy	Equatorial Sundial	Central	Kelly
7-154	Young, Richard	The Effect of Gravity On Seeds	Central	Kelly

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>SEVENTH GRADE PHYSICAL SCIENCE</u>				
7-301	Bowman, Laurie	Dyes and Their Use	Kellogg	Smith
7-302	Gamble, Charles	Atoms	Kellogg	White
7-303	Madsen, Dale	Changing Mechanical Energy Into Heat	Central	Kelly
7-304	Martini, Patrick	The Growth of Plants	Central	Kelly
7-305	Olson, Dennis	A Practical Application For A Double Oscillator	John Adams	
7-306	Petersson, Lisa	Solar Radio	John Adams	
7-307	Plummer, Patti Skogen, Lori	Building An Electro- scope	Kellogg	White
7-308	Rome, Paul	Baking Crystals with Chemicals	Central	Kelly
7-309	Silverstein, Jay	The Effect of Sound on Plant Growth	Central	Kelly
7-310	Stonnington, Cynthia	Flying	Kellogg	White
<u>SEVENTH GRADE EARTH SCIENCE</u>				
7-401	Bailey, Mike	What Are Clouds?	Central	Kelly
7-402	Bianchi, Joseph	The Winds	Central	Kelly
7-403	Bridwell, Sharon	Where Rain Comes From	Central	Kelly
7-404	Brooks, Shawn	The Greenhouse Effect	Central	Kelly
7-405	Christensen, Patti	Soil	Kellogg	White
7-406	Erickson, Ford	How To Make A Telescope	Kellogg	White
7-407	Furlow, Bill	Wind	Central	Kelly
7-408	Garwood, Bill	The Great Star Clock of the North	Kellogg	White
7-409	Gorbatenko, George	The Planet Mars	Kellogg	White
7-410	Gunderson, Sam	The Greenhouse Effect	Central	Kelly
7-411	Indykiewicz, Suzy	Erosion	Central	Kelly
7-412	Ivy, Peter	Instruments for Meteor- ology	Central	Kelly

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>SEVENTH GRADE EARTH SCIENCE</u>				
7-413	Keith, Douglas	The Greenhouse Effect	Central	Kelly
7-414	Kellogg, Katy	Ecology	Central	Kelly
7-415	Nelson, Kurt E.	The Earth's Soil	Central	Kelly
7-416	Nichols, Barbara	Noise Pollution In Our Community	Central	Kelly
7-417	Olcott, Steve Latterell, Scott	Changes In the Earth	Kellogg	White
7-418	Pier, Bob E. Kangas, Cary	Astronomy Question Machine	Kellogg	White
7-419	Ricklefs, Linda	The Greenhouse Effect	Central	Kelly
7-420	Roland, David C.	Greenhouse Effect	Central	Kelly
7-421	Rolbiecki, Bob	Biomes of North America	Central	Kelly
7-422	Stroebe, Robert	Using Sound to Detect Sinkholes	Central	Kelly
7-423	Toddie, Jay	Astronomy - The Solar System	Central	Kelly
<u>OTHER SCIENCES (SEVENTH)</u>				
7-501	Groenewald, Sara Lee, Terry	Climate	John Adams	Bailey
7-502	Hammett, Howard	UFO's -- Fact or Fiction	Central	Kelly
7-503	Langworthy, Sara	How Many Can You Get Right On A True and False Test?	Central	Kelly
7-504	Piens, Brad	Processing Film	Kellogg	White
7-505	Port, James	The Greenhouse Effect	Central	Kelly
7-506	Smick, Annette	Acid-Base Detective	Central	Kelly
7-507	Spaulding	Frogs	J. Adams	
7-508	Wampach, Diana	Discovering by Observing	Central	Kelly

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>EIGHTH GRADE BIOLOGICAL SCIENCE</u>				
8-101	Allen, Richard	Study of Nesting Habits of the Woodpecker	Central	Sheets
8-102	Anton, Mark	Yeast Growth Rate	Central	Dailey
8-103	Aronson, Ann	Effect of the Speaking Voice on Plants	Central	Dailey
8-104	Benke, Mark	The Environment in which Yeast Grows Best	Central	Dailey
8-105	Bergschneider, Janet	From Embryo to Chick	Kellogg	Mau
8-106	Billings, Cindy J.	Crystals	Central	Dailey
8-107	Campbell, Dave	If Color of Light Has An Effect On Plants	Central	Dailey
8-108	Chambers, Mark	Growing Bacteria On Teeth	Central	Sheets
8-109	DiMagno, Eugene P.	Digestion of Fat	Central	Dailey
8-110	Feldt, Christine	Beans On the Grow	Central	Dailey
8-111	French, Chris	Does the Inverse Square Law Work for Respiration In A Plant?	Central	Dailey
8-112	Halvorson, Jim	Testing Nitrates In Water	Kellogg	Mau
8-113	Hazama, Chuck	The Effects of Exercise on Cardiologic Patients	Central	Sheets
8-114	Hiebert, Cindy	Effects of Pollutants on Micro-organisms	Central	Dailey
8-115	Hunder, Jennifer	Study of Gnawing Habits of Gerbils	Central	Sheets
8-116	Jobe, Lyle	How Does the Brain Work?	Kellogg	Mau
8-117	Johnson, Randy	Changes in Size and Shape of Plants in Light and Dark	Central	Dailey
8-118	Kellerman, Delores	Aneroid Barometer	Central	Dailey
8-119	Kempers, Steve	Paper Chromatography	Central	Sheets
8-120	Koehn, Cynthia	Spatial Disorientation	Central	Dailey
8-121	Markowitz, Nathan	Electrolysis of Plants	Central	Dailey

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>EIGHTH GRADE BIOLOGICAL SCIENCE</u> (continued)				
8-122	Nielsen, Gregory J.	Selective Breeding of Fancy Guppies	Central	Sheets
8-123	Penz, Dan	The Effect of Colored Light on Plant Growth	Central	Dailey
8-124	Reilly, Beth	Gerbils and Color	Central	Dailey
8-125	Rieke, Scott	The Effect of Different Light on Plants	Central	Sheets
8-126	Sauer, Ann Street, Beth	Drugs -- Escape to Nowhere	Central	Dailey
8-127	Toddie, Terri	Effects of Detergents on Plants	Central	Dailey
8-128	Waltz, David	Growth of Bread Mold	Central	Dailey
<u>EIGHTH GRADE PHYSICAL SCIENCE</u>				
8-301	Betts, Kay Marie	Rock Tumbler	Central	Dailey
8-302	Bjelde, Richard McAllister, Pat	The Lawer: Properties and Applications	John Adams	Arlander
8-303	Blinks, Sarah	Chromatography	Central	Dailey
8-304	Clough, Susan	Formation and Effect of Colors	Kellogg	Mau
8-305	Engel, Lloyd	Analysis of Fluorescent Spectra	Central	Sheets
8-306	Evenson, Karen	How A Dam Works	Kellogg	Mau
8-307	Freeman, Dan	Effect of Temperature Upon Fermentation of Yeast	Central	Dailey
8-308	Heins, Becky S.	Crystallography	Central	Sheets
8-309	Holthe, Kris	Water Softeners and Their Works	Central	Sheets
8-310	Kellogg, Tom	Nuclear Reaction	Central	Sheets
8-311	Kullmann, Robert	Light Optics	Kellogg	Mau
8-312	McPherson, Patricia	Sounds In Music	Central	Sheets

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
<u>EIGHTH GRADE OTHER SCIENCES</u>				
8-503	Cain, Arlene Nietz, Kim	The Art of Holography	Central	Dailey
8-504	Donadio, Kathy	Acupuncture	Kellogg	Mau
8-505	Engels, Mary	Phosphates In Your Life	Central	Dailey
8-506	Kimmel, Susie	Soil and Water	Central	Dailey
8-507	Miller, Gregory Pike, Randy Pike, Jeff	Pollution in the City	John Adams	
8-508	Miller, Kathy Jo	Candle Powered Radio	Kellogg	Mau
8-509	Rieder, Joe	Topology - Rubber Sheet Geometry	Kellogg	Mau
<u>NINTH GRADE BIOLOGICAL SCIENCE</u>				
9-101	Carter, Jeff	Effect of an Anti-Metabo- lite on Different Stages of Development	Central	Elseth
9-102	Feehan, Sandra	The Effect of Red and Far Red Light On the Germina- tion of Lettuce Seeds	Central	Elseth
9-103	Juenger, Bruce Grimm, Randy	Electrophoresis	Central	Elseth
9-104	Kappauf, Todd	A Germination Comparison Between Wild and Domestic Seeds	Kellogg	Mau
9-105	Keith, Ian	Effect of Temperature on Fermentation	Central	Elseth
9-106	Miller, Terry	All About Teeth	Kellogg	Mau
9-107	Sather, Barbara	Molecular Macrame: The Structure of DNA	Kellogg	Mau
9-108	Torrance, Carol Collins, Susan	Radiation Reaction to Yeast	Central	Elseth
<u>NINTH GRADE MATHEMATICS</u>				
9-201	Gastineau, John	The Mathematics of Music	Central	Elseth
9-202	Polansky, Robert W.	Computer Cards and How They Work in Computers	Kellogg	Mau
9-301	Million, Joel	Nuclear Accelerator	Central	Elseth
9-302	Olcott, Cathy Harmann, Beverly	Science of Music	Kellogg	Mau

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
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HIGH SCHOOL CHEMISTRY. (Continued)

JM-304	Thomas, Scott D.	Aperture Diffusion with Regard to Molecular Mass and Ionic Charge	J.M.	Cordes
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GRADE SEVEN - LATE ENTRIES

7-155	Bitz, Julie A.	Bacteria and Mold: Temperatures Effects on Formation of Bac- teria and Mold	J.Adams	Bitz
7-156	Cram, JerriDee	Mice Feeding Habits	Central	Cansler
7-157	Fenwick, Amy T.	The Population of Fish in a Jar	Central	Cansler
7-158	Fistar, Paula J.	Bread Mold	Central	Cansler
7-159	Schoonover, Lori L.	A Look at an Eye	Central	Cansler
7-160	Swenson, Shelli A.	Exploring the Heart	Central	Cansler

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GRADE EIGHT -- LATE ENTRIES

8-129	Mertz, Greg	How to Hatch Brine Shrimp Eggs	Central	Davis
8-130	Frerichs, Scott	The Eye and How It Works	Central	Davis
8-131	Olson, Doug	The Ear	Central	Davis
8-132	Stewart, Nancy A. Riggs, Ann	Bacteria In Our Natural Environment	Central	Davis
8-133	Johnson, Cheryl Westbrook, Tom	Hydroelectric Power Plant	Central	Davis
8-134	Carlson, Joel Coles, Chris	Making of Penicillin	Central	Davis
8-135	Joyce, Jean	Effect of Pollution on Plants	Central	Davis
8-136	Monahan, Tom Wegener, Jeff	The Process of Evolution	Central	Davis
8-137	Wees, Kathy	The White-Tailed Deer	Central	Davis
8-201	Lucas, Nancy	The Law of Probability	Central	Davis
8-326	Kaihoi, Kendal Stoos, Jim	Atomic Power Plants: Do We Need Them?	Central	Davis
8-327	St. John, Melanie Desley, Rachel	Flamability of Fabrics	Central	Davis

<u>PROJECT NUMBER</u>	<u>STUDENT</u>	<u>PROJECT TITLE</u>	<u>SCHOOL</u>	<u>TEACHER</u>
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GRADE EIGHT - LATE ENTRIES

8-328	Doxsee, Elizabeth	Chromatography	Central Davis
8-329	Duncan, Andy	Photography	Central Davis
8-406	Davis, Steve	Crystals	Central Davis
8-407	Laedtke, Jim	How The Earth Was Formed	Central Davis
8-408	Shultz, David Simpson, Scott	Petroleum	Central Davis
8-511	Pearson, Jeff	Clear Cast Plastics	Central Davis

GRADE NINE - LATE ENTRIES

9-303	Gould, Nancy	Growth and Development of the Human Embryonic Heart	Central Davis
9-304	Den Tex, Chuck	Roadside Soil Erosion	Central Davis