

SPECTACULAR

SCIENCE



# Spectacular Science Projects

**Janice VanCleave**



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Minerals includes 20 fun and simple experiments that allow you to discover the answers to these and other fascinating questions about rocks and minerals plus dozens of additional suggestions for developing your own science fair projects See how sedimentary rock is formed using two pillows a yardstick and some masking tape Make models of rocks and minerals with gumdrops toothpicks and plastic bags Learn what carbonate minerals are and how to identify them using a glass jar some vinegar and an egg All experiments use inexpensive household materials and involve a minimum of preparation and clean up Children ages 8 12 Also available in the Spectacular Science Projects series Janice VanCleave's Animals Janice VanCleave's Earthquakes Janice VanCleave's Electricity Janice VanCleave's Gravity Janice VanCleave's Machines Janice VanCleave's Magnets Janice VanCleave's Molecules Janice VanCleave's Microscopes and Magnifying Lenses Janice VanCleave's Volcanoes Janice VanCleave's Weather **Spectacular Science Projects** Janice VanCleave, 1992-09-18

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pressure Rockets and space travel Volcanoes chromatography and indicators Pendulums Static electricity effects Mini torch and touch game Hovercrafts Mouse traps and uranium Temperature and liquid nitrogen **Janice VanCleave's Weather** Janice VanCleave,1995-02-28 The perfect science fair idea books Spectacular Science ProjectsJanice VanCleave s Weather Why does it rain What causes thunder and lightning How does a cloud form Janice VanCleave s Weather includes 20 fun and simple experimentsthat allow you to discover the answers to these and otherfascinating questions about weather plus dozens of additional suggestions for developing your own science fair projects Learnwhat causes lightning with a simple experiment using a roll of tapein a darkened room Make a barometer from a soda bottle straws modeling clay and colored water Use a shoe box plastic wrap andsome soil to understand the greenhouse effect All experiments useinexpensive household materials and involve a minimum ofpreparation and cleanup Children ages 8 12 Also available in theSpectacular Science Projects Series Janice VanCleave s AnimalsJanice VanCleave s Earthquakes Janice VanCleave s ElectricityJanice VanCleave s Gravity Janice VanCleave s Machines JaniceVanCleave s Magnets Janice VanCleave s Molecules Janice VanCleave sMicroscopes and Magnifying Lenses Janice VanCleave s VolcanoesKids **Spectacular Experiments and Mad Science Kids Love** Steve Heuer,2010 Spectacular Experiments and Mad Science Kid s Love is a project 15 years in the making As a science enrichment teacher I have had the good fortune to witness the joy expressed on my student s faces through the magic of science This project of love is inspired by and dedicated to the thousands of children who have experienced the very best hands on interactive science experiments and have given amazing feedback made visible by their sparkling enthusiasm Kid tested and parent approved these easy to follow yet awe inspriring experiments also serve as a great introduction to the amazing world of science **Experimenting With Kids** Shaun Gallagher,2020-05-05 Transform your child into a science project with these fun simple experiments Re create landmark studies in child development in your own home and watch your little one achieve developmental milestones in real time with this fascinating hands on guide Whether your child is just beginning to speak in sentences or is on their way to kindergarten these easy and surprising projects will help you to see the world through your child s eyes and also give you the tools to help them master new skills as they grow Covering ages two through five the experiments reveal research backed insights about different areas of mental physical and social growth Some examples include Understanding language syntax Learning to pick up the rules of a game without being told Developing the impulse to lie Testing memory For any parent who looks at their young child and thinks What on earth is going on in there this book will help you find out [ENC Focus](#) , **150 Amazing Science Experiments** Chris Oxlade,2013-01-16 Provides step by step illustrated instructions for a variety of technology and science experiments **Family Involvement in Education** ,1998 **Kitchen Cabinet Science Projects** Dr. Michelle Dickinson,2021-01-05 Grab a plate and dig in to 50 exciting science projects that use everyday kitchen items Perfect for kids ages 8 to 12 interested in STEM this book makes experimenting safe easy and sometimes tasty This vividly designed book of experiments is perfect

for little scientists everywhere with 50 hands on activities for curious kids with a passion for STEM and STEAM All projects within this jam packed title are excellent for learning basic scientific principles without leaving your house the materials are just everyday items found in the kitchen These experiments range in difficulty level and category from Construction and Sound to Electricity and Pressure so kids can do some on their own or work with an adult It s no surprise that some of the projects even double as treats since we re working in the kitchen Kids can study and snack with experiments like Unicorn Noodles Instant Ice Cream Candy Crystals Written by Michelle Dickinson a scientist who studies atomic particles these precise yet easy to follow instructions make mind blowing science experiments easy for everyone whether for science fairs or just family fun With experiments tested by hundreds of households around the world Kitchen Cabinet Science Projects is the perfect gift for all ages

**150 Amazing Science Experiments** ,2014 *150 Amazing Science Experiments* Chris Oxlade,2008 Provides step by step illustrated instructions for a variety of technology and science experiments *Geraldine and the Most Spectacular Science Project* Sol Regwan,2020-02-28 Young readers will rally behind this ambitious second grade girl who with only her dreams and gizmos has the power to change the world The first book in the Gizmo Girl series introduces Geraldine and celebrates the dreamers in all of us Geraldine is an energetic spirited second grader with dreams of becoming an astronaut She knows that she s clever and inventive but can she create the winning entry in her class science contest Armed with nothing but her strong will and the broken parts of her parents old gadgets and gizmos she sets out to invent an amazing contraption Will her invention wow her classmates and transform her from class troublemaker to creative scientist Enthusiasm and imagination go hand in hand as readers learn that science can be found everywhere and you can be an inventor by simply using everyday objects Award winning author of the Gizmo Girl series Sol Regwan hopes young readers will identify with Geraldine as problem solver born leader and someone they would like to have as a friend

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