

Does
on wet

bread mold grow
bread or dry

faster
bread?

By Charlene A. Shobana

HYPOTHESIS

All organisms need water to survive. Bread mold needs water to grow. Therefore, bread mold will grow faster on wet bread than on dry bread.

MATERIALS

- 1 loaf of bread
- 1 jar of water
- 1 jar of dry bread
- 1 jar of mold

PROCEDURES

- Step 1: Preparation of bread mold
- Step 2: Preparation of bread mold
- Step 3: Preparation of bread mold
- Step 4: Preparation of bread mold

I thought that bread mold would grow faster on wet bread than on dry bread. I was wrong. It grew faster on dry bread.

OBSERVATIONS



The observations section contains several small photographs of bread slices. Some show significant mold growth, while others show less. The photos are arranged in a grid-like fashion, with some labeled 'Wet' and others 'Dry'.

CONCLUSIONS

The bread mold grew faster on dry bread than on wet bread. This is because the dry bread has more sugar and less water, which is why the mold grew faster.

4th Grade Science Fair Project Ideas

Soil Conservation Society of America



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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 *Science Fair Projects For Dummies* Maxine Levaren, 2011-05-04 Uh oh now you've gone and done it you volunteered to do a science fair project Don't sweat it presenting at a science fair can be a lot of fun Just remember the science fair is for your benefit It's your chance to show that you understand the scientific method and how to apply it Also it's an opportunity for you to delve more deeply into a topic you're interested in Quite a few scientists including a few Nobel laureates claim that they had their first major breakthrough while researching a science fair project And besides a good science fair project can open a lot of doors academically and professionally but you already knew that Stuck on what to do for your science project This easy to follow guide is chock full of more than 50 fun ideas and experiments in everything from astronomy to zoology Your ultimate guide to creating crowd pleasing displays it shows you everything you need to know to Choose the best project idea for you Make sure your project idea is safe affordable and doable Research take notes and organize your facts Write a clear informative research paper Design and execute your projects Ace the presentation and wow the judges Science fair guru Maxine Levaren gives walks you step by step through every phase of choosing designing assembling and presenting a blue ribbon science fair project She gives you the inside scoop on what the judges are really looking for and coaches you on all the dos and don'ts of science fairs And she arms you with in depth coverage of more than 50 winning projects including Projects involving experiments in virtually every scientific disciplines Computer projects that develop programs to solve a particular problem or analyze system performance Engineering projects that design and build new devices or test existing devices to compare and analyze performance Research projects involving data collection and mathematical analysis of results Your complete guide to doing memorable science projects and having fun in the process *Science Fair Projects For Dummies* is a science fair survival guide for budding scientists at every grade level **So You Have to Do a Science Fair Project** Joyce Henderson, Heather Tomasello, 2002-07-22 pick a project you'll enjoy create a great experiment organize your data design a winning backboard and more Your all in one resource for science fair success Gearing up for your first science fair project Looking for the perfect science fair survival guide Well now your search is over *So You Have to Do a Science Fair Project* written by an experienced science fair judge and an international science fair winner walks you through the science fair process one step at a time Filled with lots of solid practical advice and troubleshooting tips this easy to use handbook covers The basics of the scientific method How to find a good topic How to do thorough research How to create a successful experiment How to organize your data And much more There are also lots of helpful suggestions for polishing your final presentation including putting the finishing touches on your display dressing to

impress on science fair day and knowing how to talk with the judges Whether you re a first time participant or a science student looking to excel you ll find yourself turning to this invaluable resource again and again for years to come

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Janice VanCleave's A+ Science Fair Projects Janice VanCleave,2003-08-08 A fabulous collection of science projects explorations techniques and ideas Looking to wow the judges at the science fair this year Everyone s favorite science teacher is here to help Janice VanCleave s A Science Fair Projects has everything you need to put together a winning entry with detailed advice on properly planning your project from choosing a topic and collecting your facts to designing experiments and presenting your findings Featuring all new experiments as well as time tested projects collected from Janice VanCleave s A series this easy to follow guide gives you an informative introduction to the science fair process You get thirty five complete starter projects on various topics in astronomy biology chemistry earth science and physics including explorations of The angular distance between celestial bodies The breathing rate of goldfish Interactions in an ecosystem Nutrient differences in soils Heat transfer in the atmosphere Magnetism from electricity And much more You ll also find lots of helpful tips on how to develop your own ideas into unique projects Janice VanCleave s A Science Fair Projects is the ideal guide for any middle or high school student who wants to develop a stellar science fair entry

Science Fair Projects for Elementary Schools Patricia Hachten Wee,1998-11-05 Science Fair Projects for Elementary Schools offers step by step instructions for a hands on learning experience for children in grades 2 5 who are doing science fair projects Curiosity Bug a friendly companion guides the student through every step of a science fair project finding and researching a topic developing a controlled experiment making graphs and designing a display Curiosity Bug s sample project provides the child with a detailed example and worksheets allow the child to work comfortably with his or her own data Subsequent chapters include two sample projects in each field of science animals and insects plants chemistry the environment and microscopes These are perfect starter projects presented in cookbook style with complete instructions and resources The child can choose one follow the procedures given and plug in his or her data and results Science Fair Projects for Elementary Schools also provides examples of graphs ideas for display and opportunities for further

research Each chapter also includes ten other project ideas and a list of related children s books A final section provides parents teachers and librarians with sample letters forms and layouts to facilitate setting up a science fair This book is sure to spark any student s interest in the intriguing absorbing world of science *New Ideas for Science Fair Projects* Roger Williams Sawyer,Robert Allen Farmer,Robert Allens Farmer,1967 Every aspect of science fair activity is fully explained and explored Book jacket Includes a section in which 22 former winners of national fairs describe their projects *Resources in Education* ,1998 **School Library Media Activities Monthly** ,1998 **Ideas for Science Fair Projects** Ronald Benrey,1963 Grades 6 up **The Internet Resource Directory for K-12 Teachers and Librarians** Elizabeth B. Miller,2000 Directory of information useful for K 12 students and teachers which can be accessed by e mail gopher usenet telnet and file transfer protocol FTP **The Science Teacher** ,1997 SCC Library has 1964 cur *The Best Web Sites for Teachers* Vicki F. Sharp,Martin G. Levine,Richard M. Sharp,2002 *Stacks of ideas : activities for the library media center and classroom K-8* Bettie Estes,1988 **McGraw-Hill Reading Practice, Grade 4** McGraw Hill (Firm).,2001-05 School Library Journal ,2009 *Carolina Tips* ,1991 **Library Journal** ,2002 The American Biology Teacher ,1938 Includes section Books Conservation Science Fair Projects Soil Conservation Society of America,1970

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