

WORLD'S GREATEST INVENTIONS



THE PERSONAL COMPUTER
The personal computer revolutionized the way we work and play, making information accessible to millions of people.



THE AIRPLANE
The airplane revolutionized travel, making it possible to cross continents in a matter of hours.



THE HAMBURGER
The hamburger is a popular fast-food item that has become a staple of American cuisine.



THE INTERNET
The internet has revolutionized communication, making it possible to connect with people from all over the world.



THE MICROSCOPE
The microscope allowed scientists to see the world in a new way, leading to many important discoveries.



EYEGLASSES
Eyeglasses have helped millions of people see the world more clearly, improving their quality of life.



PHOTOGRAPHY
Photography has allowed us to capture and share moments in time, preserving memories for generations.



PLANE
The airplane revolutionized travel, making it possible to cross continents in a matter of hours.



THE BIRTH OF LIGHTBULBS
The lightbulb revolutionized the way we illuminate our homes and workplaces, making it possible to work and play at night.



THE BIRTH OF THE PAPER
The invention of paper revolutionized the way we communicate, making it possible to share ideas and information.



BASKETBALL
Basketball is a popular sport that has become a global phenomenon, bringing people together from all over the world.



THE PENCIL
The pencil is a simple but essential tool that has helped millions of people learn, work, and create.



THE SAFETY PIN
The safety pin is a simple but essential tool that has helped millions of people keep their clothes safe and secure.



THE BAG
The bag is a simple but essential tool that has helped millions of people carry their belongings.



THE BATTERY
The battery is a simple but essential tool that has helped millions of people power their devices.



THE AUTOMOBILE
The automobile revolutionized travel, making it possible to travel long distances in a matter of hours.



THE ICE-CREAM MAKER
The ice-cream maker is a simple but essential tool that has helped millions of people enjoy their favorite dessert.



THE COMPASS
The compass is a simple but essential tool that has helped millions of people navigate the world.



THE HARD DRIVE
The hard drive is a simple but essential tool that has helped millions of people store their data.



THE NAIL
The nail is a simple but essential tool that has helped millions of people build their homes.



PIGGY BANK
The piggy bank is a simple but essential tool that has helped millions of people save their money.



THE BIRTH OF CHESS
Chess is a simple but essential game that has helped millions of people develop their minds.



THE PRINTING PRESS
The printing press revolutionized the way we communicate, making it possible to share ideas and information.



THE MOBILE PHONE
The mobile phone revolutionized communication, making it possible to connect with people from all over the world.



THE PAPER BAG
The paper bag is a simple but essential tool that has helped millions of people carry their belongings.



SATELLITE COMMUNICATION
Satellite communication revolutionized the way we communicate, making it possible to connect with people from all over the world.



THE UMBRELLA
The umbrella is a simple but essential tool that has helped millions of people stay dry.



SOLAR PANELS
Solar panels revolutionized the way we generate power, making it possible to harness the energy of the sun.



INDUSTRIAL STEELMAKING
Industrial steelmaking revolutionized the way we build, making it possible to create strong and durable structures.



THE MICROWAVE OVEN
The microwave oven revolutionized the way we cook, making it possible to heat up food in a matter of minutes.



THE TELESCOPE
The telescope revolutionized the way we observe the world, making it possible to see distant stars and planets.



THE BICYCLE
The bicycle revolutionized travel, making it possible to travel long distances in a matter of hours.



THE FLUSH TOILET
The flush toilet revolutionized the way we use the bathroom, making it possible to keep our homes clean and hygienic.



SMALL
Small is a simple but essential tool that has helped millions of people do their jobs.



THE INTERNAL COMBUSTION ENGINE
The internal combustion engine revolutionized the way we travel, making it possible to travel long distances in a matter of hours.



THE STEAMSHIP
The steamship revolutionized travel, making it possible to travel long distances in a matter of hours.



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Video games revolutionized the way we play, making it possible to enjoy hours of entertainment.



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The telephone revolutionized communication, making it possible to connect with people from all over the world.



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Milk chocolate revolutionized the way we eat, making it possible to enjoy a delicious and healthy treat.



THE SEWING MACHINE
The sewing machine revolutionized the way we make clothes, making it possible to create beautiful and durable garments.



THE WHEEL
The wheel revolutionized the way we travel, making it possible to travel long distances in a matter of hours.



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Air conditioning revolutionized the way we live, making it possible to live comfortably in hot and humid climates.



THE TELEVISION
The television revolutionized the way we entertain ourselves, making it possible to enjoy hours of entertainment.



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The windmill paper revolutionized the way we make paper, making it possible to create strong and durable paper products.



THE ELECTRIC GENERATOR
The electric generator revolutionized the way we generate power, making it possible to power our homes and workplaces.



THE CUPCAKE
The cupcake revolutionized the way we eat, making it possible to enjoy a delicious and healthy treat.



THE TELEVISION
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PIZZA
Pizza revolutionized the way we eat, making it possible to enjoy a delicious and healthy treat.



THE CHOCOLATE CHIP COOKIE
The chocolate chip cookie revolutionized the way we eat, making it possible to enjoy a delicious and healthy treat.



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Refrigeration revolutionized the way we store food, making it possible to keep our food fresh and safe.



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The wristwatch revolutionized the way we tell time, making it possible to keep track of our schedules.



THE STEAM ENGINE
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Tremendous Worlds

Jin-Ying Zhang



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web name answer key per wheat germ is the source of dna in this lab warm water softens the membranes enzymes denatures at 60o degrees c dna denatures at 80o degrees c detergent pulls apart the fats and proteins that make up the membranes releases dna cold alcohol pulls the dna out of the water detergent wheat germ

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web mar 24 2020 in this session participants will use a simple procedure to extract dna from wheat germ what does dna look like is wheat dna structurally different than human dna join us to answer these questions and more in this session participants will learn about the structure of dna explore some important chemical principles

dna extraction experiment mit department of biology - Nov 06 2022

web if you want to keep the dna for further experiments 13 dunk several time the spooled dna into a small tube containing clean alcohol and let air dry 14 at this point you can store the dna in sterile water in the freezer notes if you do not open the lid while the wheat germ is settling carbon dioxide will build up in the tube

[wheat germ wheat cell nucleus outreach](#) - Jan 08 2023

web today we are going to extract dna from wheat germ this exploration station highlights some of the areas that can be focused on with a degree in genetics or molecular biology how is wheat germ dna extraction directly related to genetics on the large scale view of things such as a career in genetics and projects such as the human genome project

dna extraction from wheat germ salk institute for biological - Feb 09 2023

web from wheat germ protocol salk institute mobile lab step 1 obtain a numbered 50 ml conical vial with 10 ml of water write your number here step 2 to the tube with 10 ml water add 1g 1 pinch of raw wheat germ the wheat germ should settle to fill 1 2 the cone step 3 cap the tube and vigorously shake to mix for about 30 seconds

dna extraction from wheat germ lab studylib net - Feb 26 2022

web purpose the purpose of this lab is to extract dna from wheat germ iii hypothesis if you add wheat germ water soap and alcohol then the dna should appear iv materials 1 gram raw wheat germ 50 ml test tube 20 ml hot 50 60 deg c tap water frac14 teaspoon detergent soap paper towel 14 ml 91 alcohol v procedure 1