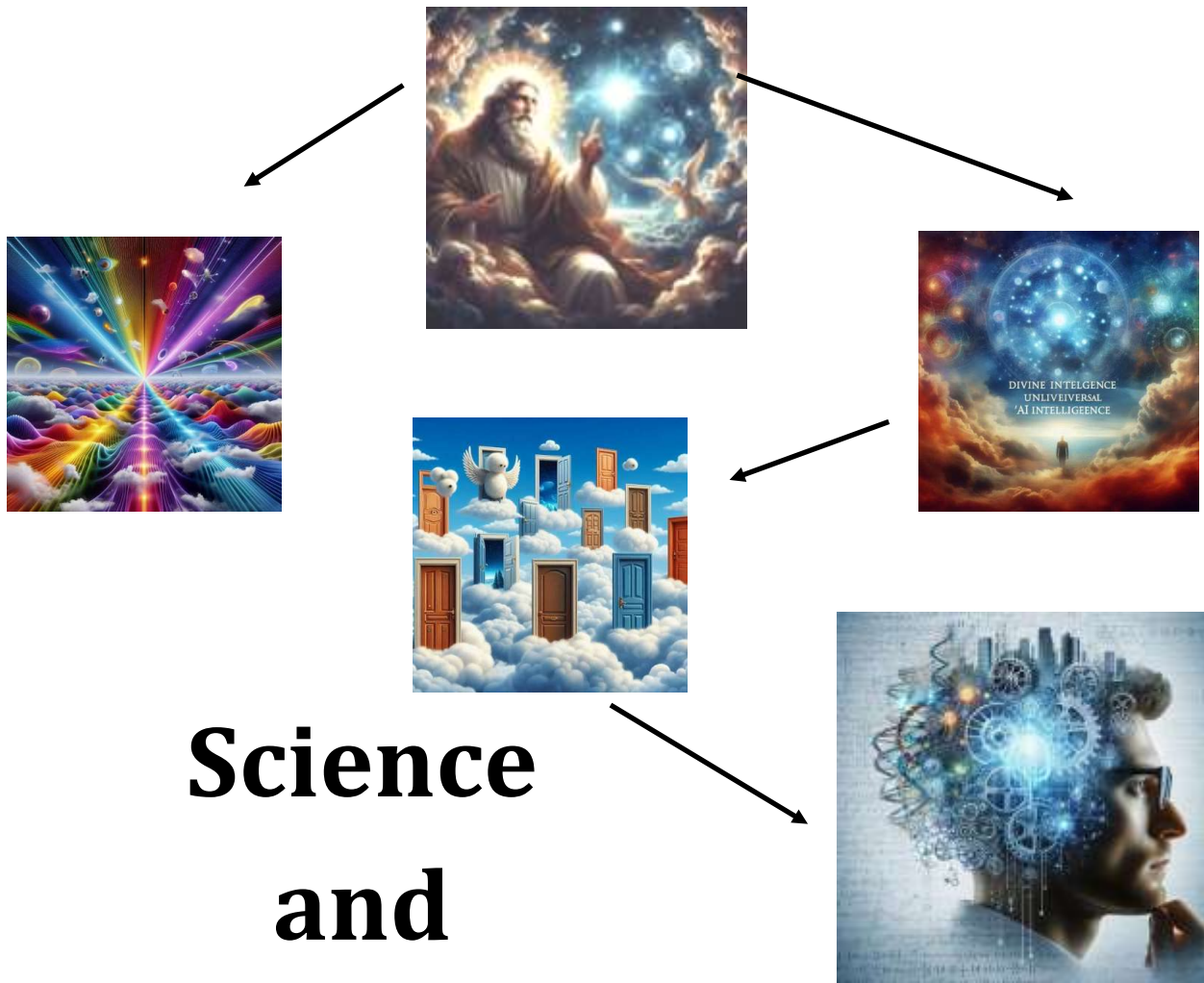


Designed by God Built by Man III

By Captain Bob Webb



**Science
and
Technology**

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Bob was Captain of a training schooner for teenagers.

God orchestrates opportunity when
fulfilling His purpose for our life.

The Difference between Discovery and Invention

Discovery:

Discovery refers to finding or exploring something that already exists in the natural world. It involves uncovering or revealing phenomena, events, or knowledge that was previously unknown or unrecognized. Discoveries often relate to scientific observations, natural laws, or new species. They occur through exploration, curiosity, and questioning. Think of groundbreaking discoveries like the law of gravity by Isaac Newton or the identification of penicillin by Alexander Fleming. Discoveries cannot be patented since they involve existing phenomena.

Physics and light are a part of the vast electromagnetic spectrum, spans an incredible range of wavelengths—from gamma rays to radio waves. While science explains light through physical laws, its existence as evidence of divine creation. The intricate balance of physical constants required for light to exist can evoke wonder and awe, leading to spiritual reflections.

The Electromagnetic Spectrum of God's Grace in a metaphorical sense, St. Paul's life can be compared to the visible light portion of the spiritual electromagnetic spectrum. Just as light reveals hidden things, Paul's transformation from persecutor to apostle demonstrates what God can do in a person's life. This perspective emphasizes the transformative power of faith.
(Discovery)

Invention:

Invention, on the other hand, involves creating something entirely new and useful. It's the process of designing novel methods, devices, processes, or improvements. Inventions are products of human creativity and ingenuity. They transform the way we live and work. Consider inventions like the telephone by Alexander Graham Bell or the internet. Inventions can be patented because they result from unique intellect and deliberate effort. Man-made artifacts, tools, and processes.

In summary:

Discovery uncovers what already exists, while invention brings forth something new. Both play crucial roles in shaping our world!

Notes:

- Nothing can be discovered or invented without the Holy Spirit inspiration. This is why man or Satan cannot be creative.
- Most innovative concepts are developed in Christian countries. The United States is the leader followed with Great Britain. Germany was a leader before the wars.

God Informs Moses with the Law and Man with Technology

Moses Receiving the Law from God

In the book of Exodus, we find the account of Moses ascending Mount Sinai to receive the Law from God. It's a moment of profound significance for the Israelites and for humanity as a whole.

Here are some key points:

Divine Encounter: Moses climbed the mountain, enveloped in a cloud, and experienced the glory of the Lord. The appearance of God's glory was like a consuming fire on top of the mountain. Imagine the awe and reverence he must have felt!



Stone Tablets: God gave Moses stone tablets inscribed with the instruction and law. These tablets contained the Ten Commandments and other regulations that would guide the Israelites' lives. The Law of Moses became a central part of their identity and covenant with God.

Duration: Moses spent 40 days and 40 nights on the mountain, immersed in divine revelation. During this time, he communed with God, received instructions, and absorbed the weight of the Law.



Today's Scientific Discoveries

Fast-forward to our modern era, where scientists explore the mysteries of the universe. Consider the discovery of elements in the electromagnetic spectrum. Here's how it compares:

Curiosity and Exploration: Like Moses ascending the mountain, scientists embark on quests for knowledge. They ask questions, design experiments, and seek to understand the natural world. Their curiosity drives them forward.

Laboratories and Instruments: Instead of a mountain, scientists work in laboratories equipped with advanced instruments. These tools allow them to probe matter at the atomic and subatomic levels. They discover elements, study their properties, and unlock new insights.

Collaboration: Just as Moses had Joshua and other companions, scientists collaborate across disciplines and borders. They share findings, debate theories, and build upon each other's work. The pursuit of knowledge is a collective endeavor.

Impact on Society: Scientific discoveries shape our lives. Elements from the periodic table find applications in medicine, technology, and industry. From MRI machines to solar panels, our world is transformed by scientific innovation.



Faith, Knowledge, and Freedom

The parallels between Moses and today's scientists reveal a profound truth: faith and knowledge need not be at odds. Both involve seeking truth, whether through divine revelation or empirical investigation. Here are some reflections:

Inspiration: Moses received divine inspiration; scientists find inspiration in the natural world. Both experiences can lead to breakthroughs and deeper understanding.

Freedom to Explore: Just as God instructed Moses to ascend the mountain, we have the

freedom to explore, learn, and innovate. Our pursuit of knowledge is an expression of our God-given abilities.

Responsibility: Moses received the Law as a guide for righteous living. Scientists, too, bear responsibility—to use their discoveries wisely, ethically, and for the betterment of humanity.

Whether on a mountain or in a laboratory, the quest for truth unites us. As we honor both divine revelation and scientific exploration, we recognize that God's wisdom permeates creation, inviting us to explore, discover, and steward knowledge with reverence.

Innovation Exists by God's Design

This document tells how God inspired today's technology.

God created humans with the ability to create and cultivate, and that He uses innovators to advance his kingdom and reveal his glory. Technology offers a sense of meaning, purpose, and transcendence, and that can shape our values, beliefs, and practices. It is acknowledged that innovation can be used for evil purposes, and that we need to be careful not to idolize technology or neglect our relationship with God.

God's creation of the electromagnetic spectrum is a fascinating topic that intertwines both scientific and spiritual perspectives.

Scientific Perspective:

The electromagnetic spectrum encompasses a wide range of energy waves, from radio waves to gamma rays. Light, which is a narrow part of this spectrum, allows us to perceive the world visually.

When God created light, it also meant He was creating galaxies, stars, planets, and the heavens. Physics teaches us that matter consists of small vibrating waves of energy, and these waves are fundamental to the fabric of the universe.

From God's standpoint, there may not have been an initial distinction between light and other electromagnetic waves. As a first step in creation, especially related to Earth and its solar system, God defined the narrow spectrum called light.

The visible light that our human eyes can detect is just a small portion of the entire electromagnetic spectrum. Beyond what we see lies a vast array of other waves, including X-rays, ultraviolet rays, and infrared radiation.

Spiritual Perspective:

In the biblical account of creation (Genesis 1:3), God said, "Let there be light," and there was light. At this stage, only the ability for the existence of light was made; there was no energy to create darkness or light. Everything was at a standstill and at absolute zero temperature.

Symbolically, light often represents truth, purity, and divine revelation. In the New Testament, John 1:5 describes God as light, and in Him, there is no darkness at all. Walking in the light signifies fellowship with God, while walking in darkness represents separation from Him.

God's creation of the electromagnetic spectrum serves both practical and symbolic purposes. It allows us to perceive the physical world while also carrying deeper spiritual meanings. Whether we explore it through scientific inquiry or spiritual contemplation, the electromagnetic spectrum remains a remarkable aspect of God's handiwork.

God Created the Universe

God is the all-wise originator and designer of all things.

The universe serves a divine purpose that is beyond human understanding is a humbling concept. It proves that there is a grand design or plan that transcends our individual lives.



The complexity and beauty of the natural world is seen as reflections of this divine wisdom and power. From the intricate patterns found in a single snowflake to the vast, swirling galaxies in the cosmos, these phenomena inspire awe and reverence.

God not only created but also sustains the universe which underscores active, caring Creator. This ongoing divine involvement implies a dynamic relationship between the Creator and the creation. This provides comfort and purpose, helping us navigate life with a sense of connection to something greater than ourselves. We can foster a sense of responsibility to care

for the world around us, as stewards of God’s creation.

It is possible that God created the universe for His own purpose, not necessarily for humanity. The universe is seen as a reflection of His glory. The natural world, with its complexity and beauty is evidence of God’s handiwork is a means to glorify Him.

The act of creation is also viewed as a way for God to make known His power and wisdom. The intricacies and vastness of the universe are seen as a testament to the Creator’s capabilities. Beyond the initial act of creation, God sustains all that exists. This ongoing care and maintenance are seen as part of God’s role as Creator.

Bible itself is a testament to God’s creation with its teachings and the life of Jesus Christ as evidence.

Colossians 1:16 (ESV): “For by Him all things were created, in heaven and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things were created through Him and for Him.”

Electromagnetic Spectrum

God's technology toolbox

Much of today's technology is based on the discovery of elements in the electromagnetic spectrum. New technology is very often based on the discovery of an unknown element. This is God's domain and discoveries are only made when He chooses someone to reveal the element



to.

What is the Electromagnetic Spectrum? The electromagnetic spectrum is a range of all types of electromagnetic radiation, which includes radio waves, microwaves, infrared, visible light, ultraviolet, X-rays, and gamma rays. The understanding and discovery of the electromagnetic spectrum are based on physical laws and scientific research over centuries by many scientists, such as James Clerk Maxwell and Heinrich Hertz.

Infrared Light: Discovered by Sir William Herschel in 1800 while exploring the relationship between light colors and heat.

Radio Waves: Predicted by James

Clerk Maxwell in 1867 and later demonstrated by Heinrich Hertz in 1887, who produced them in his laboratory.

X-Rays: Accidentally discovered by Wilhelm Conrad Röntgen in 1895 during experiments with vacuum tubes.

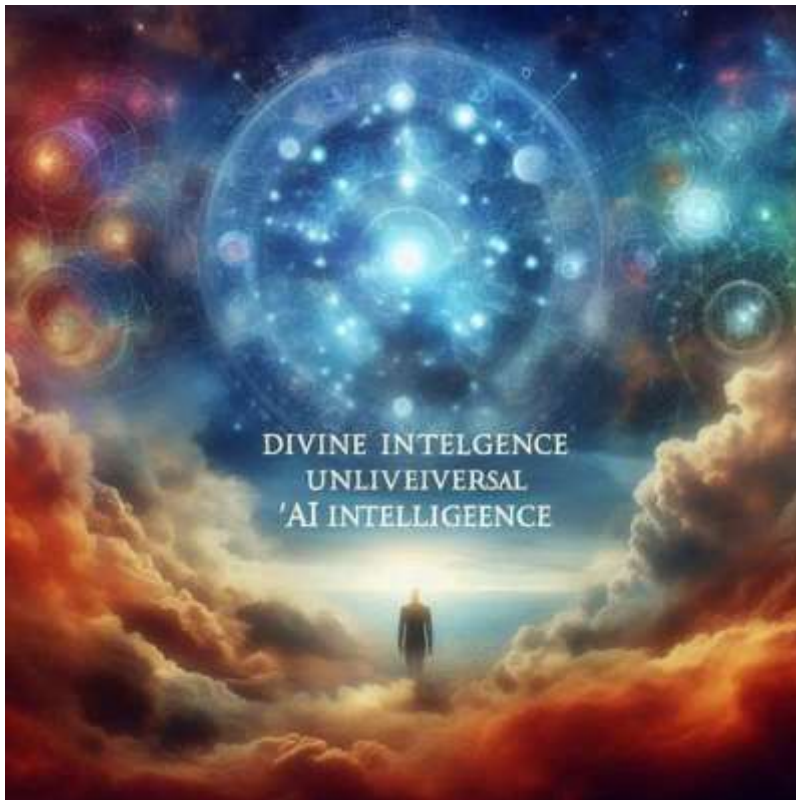
The discovery and understanding of the electromagnetic spectrum have led to significant advancements in various fields such as medicine, astronomy, and communication technologies. For instance, the discovery of X-rays and gamma rays has revolutionized medical imaging and cancer treatment. In astronomy, different wavelengths allow us to observe and understand phenomena that are not visible to the naked eye, like the structure of galaxies or the composition of distant stars. In the field of communication, radio waves have enabled the development of television, radio, and mobile phones.

So, while the electromagnetic spectrum itself is not the sole source of all scientific development, it has certainly been a key element in many of the technological and scientific advancements we benefit from today. It continues to be an area of active research and discovery, promising new technologies and deeper understanding of the universe we live in.

Divine Intelligence

This is God's domain and He chooses to whom and when to inspire knowledge to.

Divine intelligence is a concept that transcends the boundaries of human understanding. It is associated with a higher power, and cosmic wisdom. God possesses infinite wisdom, knowledge, and understanding, His intelligence guides the universe, provides moral laws, and offers wisdom to humanity.



Communication with divine intelligence is our intuition, that subtle inner knowing, dances at the edge of our consciousness like a whispered secret. It defies logic, yet it often guides us with unwavering certainty.

Intuition is like a silent whisper from the depths of our being. It doesn't announce itself with fanfare; instead, it nudges us gently. When faced with decisions, intuition often whispers, "This feels right" or "Something isn't quite aligned." Unlike conscious reasoning, intuition operates beyond the confines of logic. It doesn't rely on evidence or data. Imagine a painter choosing colors for a

canvas. Intuition guides their brushstrokes, urging them toward shades that evoke emotion.

Ever had a "gut feeling"? That's intuition at work. It's the flutter in your stomach when you meet someone new or step into an unfamiliar situation. Our gut, it seems, has its own wisdom.

Creativity's Muse: Artists, writers, and musicians often credit intuition as their muse. It sparks ideas, melodies, and strokes of genius. It's the unseen hand that guides a poet's pen or a composer's notes.

Science, too, explores intuition. Quantum physics hints at interconnectedness beyond our senses. Researchers study intuitive decision-making, revealing its role in complex choices.

Intuition is the whisper from divine intelligence—a quiet guide in a noisy world. So, when it whispers, listen. It may lead you to hidden treasures or uncharted paths.

Visionary and Innovation Filter

Divine intelligence is loaded with visionary and innovation concepts that man cannot understand or fathom, therefore, there needs a filter to pass concepts that can be understood. Research is the key to expanding our understanding.

Innovation exists by God's design. God created humans with the ability to create and that he uses innovators to advance his kingdom and reveal his glory.

It is acknowledge that innovation can be used for evil purposes, and that we need to be careful not to idolize technology or neglect our relationship with God.



It wasn't until the 1600s that God began to reveal the existent of the electromagnetic spectrum, WHY?

One theory is related to the idea of progressive revelation. According to this view, God gradually revealed more about Himself and His nature over time. Just as our eyes adjust when moving from darkness to bright light, humanity needed time to grasp the profound truth of the Trinity. It wasn't until the New Testament (specifically in the fortieth book, Matthew 28:19) that we find a clear articulation of God as Father, Son, and Holy Spirit.

In other words, God's revelation unfolded progressively, allowing

people to grow in their understanding. If all the light of the Trinity had been revealed from the beginning, it might have overwhelmed human comprehension.

Another perspective considers the historical context. God's revelation occurs within specific cultural and historical contexts. The timing of certain revelations may have been influenced by the needs and circumstances of humanity at different points in history.

For example, the incarnation of Jesus (God becoming human) occurred at a specific moment in time when the world was ready for it. Similarly, technological concepts may have been revealed when humanity was prepared to receive and utilize them.

The question of why God reveals certain truths at specific times is multifaceted. It involves considerations of progressive revelation, historical context, and the mystery of God's ways. Ultimately, faith invites us to trust that God's timing is perfect, even when we don't fully grasp it.

Built by Man –Creativity

Innovation and creativity are fascinating aspects of human existence, and they can indeed be inspired by God.

Scripture reveals that God is a creator and an innovator. In Revelation 21:5, it says, “The one who sits on the throne said, ‘And now I make all things new!’” This declaration highlights God’s ongoing creative work and His ability to bring forth newness. As humans made in God’s image, we share in this creative capacity.



When we engage in innovative endeavors, we participate in a reflection of God’s artistic nature. Our creativity is an expression of the divine spark within us.

Innovators, whether virtuous or nefarious, are created by God. He appoints them for His purposes. This includes both the blacksmiths who forge new tools and the warriors who wield them. Our most powerful innovators exist by divine appointment.

If you find yourself driven to create, innovate, and push boundaries, recognize that this zeal was implanted within you by the Spirit. It serves a greater ultimate purpose beyond what you can see. Your

innovative brilliance is how God chooses to wield you in the world.

The Hebrew word for “create” (bara) is used in the Old Testament exclusively for divine action. It expresses acts that require a divine agent due to their greatness or newness. In Isaiah 54:16, this word is repeated in front of the smith (blacksmith) and the ravager (warrior). Both makers and wielders of war tech require a maker—God Himself.

Even today, God continues to create new innovative makers and raise up wielders of potent technologies. His unrestrained activity within our world is evident as He orchestrates human creativity and ingenuity.

Innovators should recognize that their brilliance doesn’t give them power to operate apart from God. Instead, it’s how God chooses to use them. Whether you’re developing groundbreaking technology or pursuing creative endeavors, remember that your purpose extends beyond the visible results.

God Whispers His Purpose for us, to us

God whispers His purpose for us in various ways, inviting us to listen closely. Here are some insights:

Scripture: The Bible is a primary way God speaks truth to us. In Jeremiah 29:11, God declares, “For I know the plans I have for you, plans to prosper and not to harm you, plans to give you hope and a future.” His purpose involves hope and a future for each of us.

Desires: God uniquely created us with desires. Pay attention to what burdens your heart. Often, these desires align with His purpose. Seek to improve the status quo and trust Him to bless your work.

Doors: Circumstances—both open and shut doors—can guide us. Sometimes God’s purpose becomes evident through opportunities or obstacles.

Dreams: God gives dreams and visions. These may not be just for us but could impact others too. Consider how your dreams align with His greater plan.

People: Supporters and critics play a role. They provide accountability and course correction. Listen to those who encourage you and challenge you to grow.

Opportunity: Seeking opportunity in our professional life or social life, very often seeking helps us discover our life’s purpose.

Goals: Set goals on topics that motivate, they grow and become stronger or they fade away for lack of interest. Goals that are God inspired will grow stronger and doors of opportunity will open.

Remember, God’s whisper is His word to you. Allow it to strengthen you as you walk in His purpose, regardless of others’ opinions. And know that His ultimate plan is to consummate all of human history in Christ, bringing perfection and fulfillment to everything in Heaven and on earth.

“The Whispering Willow”

An inspiring story by AI

Once upon a time, in a quaint village nestled among ancient oaks and rolling hills, there lived a young woman named Elara. Elara had always felt a deep connection to nature—an inexplicable bond that seemed to guide her steps even when she didn’t understand why.

One misty morning, as the sun peeked through the thick canopy of leaves, Elara set out on a solitary walk. Her heart felt heavy, burdened by the weight of decisions she needed to make. She had been offered a prestigious job in the bustling city, promising wealth and success, but her soul rebelled against the idea. The city’s noise drowned out her inner voice—the very voice that had led her to this serene village.

As Elara wandered deeper into the forest, she noticed a gnarled willow tree standing near a babbling brook. Its leaves shimmered like silver coins, and its roots seemed to reach into the earth’s core. Elara approached, drawn by an invisible force. She placed her hand on the rough bark, closing her eyes.



And then it happened—the whisper. Not audible, but felt—a gentle murmur in her chest. The willow spoke to her, not in words, but in sensations. It conveyed ancient wisdom, urging her to listen to her heart, to honor her true path.

Elara sat beneath the willow, tears streaming down her cheeks. She thought of the city, the glittering skyscrapers, and the allure of success. But the whisper reminded her of childhood dreams—the smell of wildflowers, the taste of fresh berries, and the joy of creating art. The city couldn’t offer those.

With trembling hands, Elara wrote her resignation letter, declining the job offer. She chose the winding path, the one that led back to the village, where she could paint landscapes and teach children about the magic of trees. Her friends and family questioned her decision, but she stood firm, guided by the willow’s wisdom.

Years passed, and Elara's art adorned gallery walls. Children gathered around her, wide-eyed, as she shared stories of the whispering willow. She married a kind-hearted musician who understood her need for quietude. Together, they planted more willows along the brook, creating a sanctuary for lost souls seeking guidance.

Elara often sat under the original willow, her fingers tracing its ancient knots. She no longer questioned the source of the whisper; she simply trusted it. And in those moments, when the wind rustled the leaves, she felt connected—to herself, to the earth, and to something greater.

Remember, dear reader, that intuitive guidance isn't always grand or dramatic. It can be as subtle as a whisper, as gentle as a breeze. Trust your inner compass—it knows the way.

The Lost Key

An inspiring story by AI

In a bustling city, amidst the cacophony of traffic and hurried footsteps, lived a woman named Maya. She was a software engineer, adept at solving complex problems with lines of code. Yet, there was one puzzle that eluded her—an emotional enigma she couldn't crack.

One rainy evening, as she rushed home from work, Maya realized she had lost her apartment key. Panic surged through her veins. She retraced her steps, checked her bag, and even questioned the universe aloud. But the key remained elusive.

Exhausted and drenched, Maya sat on a bench in the park. The raindrops played a soft melody on the leaves, and she closed her eyes. In that moment, she remembered her grandmother's words: "When logic fails, listen to your heart."

Maya took a deep breath and quieted her mind. She asked herself, "Where did I last feel joy?" The answer surprised her—it was at the neighborhood bookstore. She loved browsing through old novels, inhaling the scent of yellowed pages.

Ignoring the rain, Maya sprinted to the bookstore. The bell chimed as she entered, and the familiar warmth enveloped her. She approached the dusty shelves, scanning titles. And then, there it was—a faded copy of "The Alchemist" by Paulo Coelho. She had read it years ago, and its wisdom had stayed with her.



Maya pulled the book from the shelf, and as she flipped through the pages, something fell—a small brass key. Her lost apartment key! Tears blurred her vision. How had it ended up inside a book?

The inner voice whispered, "You seek answers in algorithms, but life's mysteries lie in stories." Maya realized that her heart had guided her to the bookstore—the place where she felt alive, where intuition danced with nostalgia.

From that day on, Maya embraced her inner voice. She listened when it nudged her to call an old friend, take a different route, or pause to admire a sunset. She discovered that intuition wasn't a mystical force; it was her soul's compass, pointing toward joy, healing, and connection.

And so, Maya continued her journey—balancing logic and intuition, code and poetry. She knew that sometimes, the lost keys of life weren't physical; they were the whispers of the heart, waiting to be heard.

Remember, dear reader, your intuition may not always lead you to tangible keys, but it will guide you toward hidden truths and unexpected delights. Trust it, for within its whispers lies your unique path..