

# Science, Faith, and Fatherhood: Unlocking Potential Through Active Parenting

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**SCIENCE, FAITH, AND FATHERHOOD: UNLOCKING POTENTIAL THROUGH ACTIVE PARENTING**  
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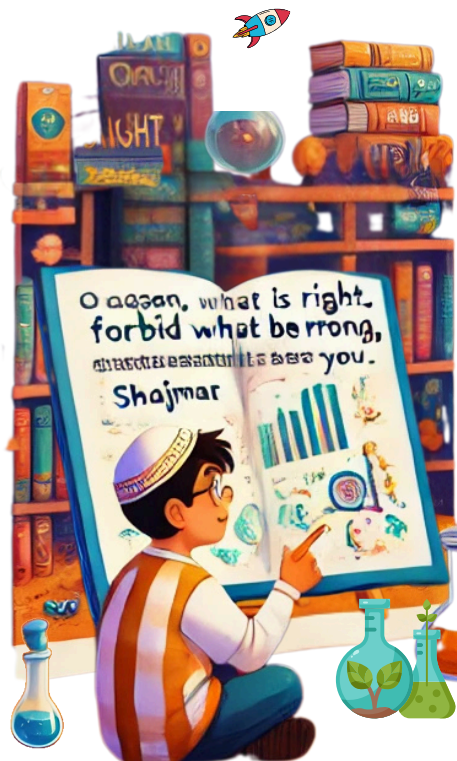
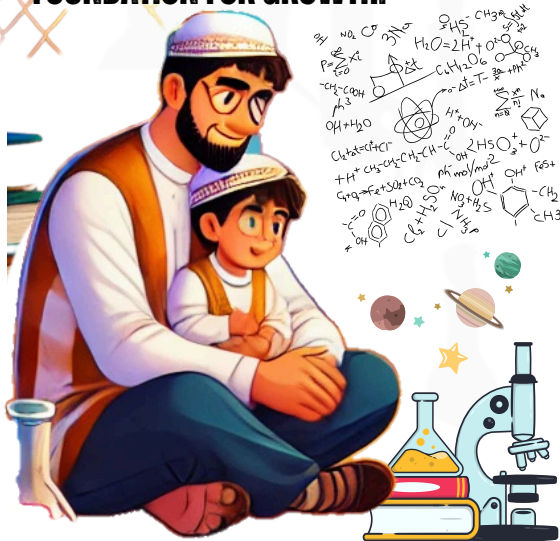
# 1. THE ROLE OF FATHERS IN ISLAM AND SCIENCE

**ISLAMIC PERSPECTIVE: ISLAM PLACES IMMENSE VALUE ON THE ROLE OF FATHERS. A FATHER'S INVOLVEMENT NURTURES FAITH, RESPONSIBILITY, AND STRENGTH IN A CHILD'S CHARACTER. FOR EXAMPLE, THE QURAN SHARES THE STORY OF LUQMAN ADVISING HIS SON WITH WISDOM, URGING HIM TO AVOID ASSOCIATING PARTNERS WITH ALLAH AND TO MAINTAIN PATIENCE AND PRAYER:**

**"O my son, establish prayer, enjoy what is right, forbid what is wrong, and be patient over what befalls you." (Surah Luqman, 31:17)**

**STEM INSIGHTS : RESEARCH SHOWS THAT CHILDREN WITH ENGAGED FATHERS TEND TO EXCEL ACADEMICALLY AND EMOTIONALLY. SCIENCE HIGHLIGHTS THE FATHER'S ROLE IN BUILDING RESILIENCE AND A CURIOSITY FOR LEARNING, QUALITIES CRUCIAL FOR STEM SUBJECTS. WHEN FATHERS ACTIVELY SUPPORT LEARNING,**

**CHILDREN ARE ENCOURAGED TO EXPLORE AND ASK QUESTIONS, LAYING A STRONG FOUNDATION FOR GROWTH.**



## 2. DEVELOPMENTAL STAGES AND THE FATHER'S ROLE

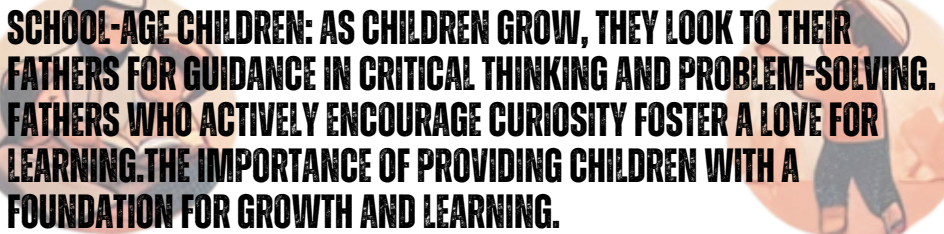
**ISLAMIC PERSPECTIVE: ISLAM PLACES IMMENSE VALUE ON THE ROLE OF FATHERS. A FATHER'S INVOLVEMENT NURTURES FAITH, RESPONSIBILITY, AND STRENGTH IN A CHILD'S CHARACTER. FOR EXAMPLE, THE QURAN SHARES THE STORY OF LUQMAN ADVISING HIS SON WITH WISDOM, URGING HIM TO AVOID ASSOCIATING PARTNERS WITH ALLAH AND TO MAINTAIN PATIENCE AND PRAYER:**

The Prophet Muhammad's (PBUH) words:  
"The best of you is the one who is best to his family, and I am the best among you to my family."  
(Sunan Ibn Majah)



**SUGGESTED STEM ACTIVITIES: FATHERS CAN INTRODUCE SIMPLE STEM CONCEPTS THROUGH PLAY AND EXPLORATION. FOR EXAMPLE, ENGAGING IN NATURE WALKS TO OBSERVE ALLAH'S CREATION OR EXPERIMENTING WITH COLORS AND SHAPES HELPS CHILDREN RECOGNIZE THE BEAUTY IN ALLAH'S WORLD.**



An illustration in the top right corner shows a father and a child. The father is wearing a blue shirt and dark pants, and the child is wearing a red shirt and blue pants. They are standing on a light-colored surface.

**SCHOOL-AGE CHILDREN: AS CHILDREN GROW, THEY LOOK TO THEIR FATHERS FOR GUIDANCE IN CRITICAL THINKING AND PROBLEM-SOLVING. FATHERS WHO ACTIVELY ENCOURAGE CURIOSITY FOSTER A LOVE FOR LEARNING. THE IMPORTANCE OF PROVIDING CHILDREN WITH A FOUNDATION FOR GROWTH AND LEARNING.**

**The hadith "A father gives his child nothing better than a good education" (Tirmidhi) underlines the importance of providing children with a foundation for growth and learning.**

**STEM ACTIVITIES: FATHERS CAN WORK ON SMALL PROJECTS WITH THEIR CHILDREN, LIKE BUILDING SIMPLE MACHINES, CREATING MODELS, OR EXPLORING BASIC CODING. THESE ACTIVITIES ALIGN WITH ISLAMIC VALUES OF CREATIVITY, PATIENCE, AND EXPLORATION OF ALLAH'S WORLD.**

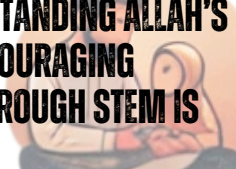
**ADOLESCENCE: DURING ADOLESCENCE, FATHERS HELP GUIDE CHILDREN TOWARDS INDEPENDENCE AND RESILIENCE. THIS ALIGNS WITH THE QURANIC GUIDANCE FOR FATHERS TO PROTECT AND GUIDE THEIR FAMILIES:**

**"O you who have believed, protect yourselves and your families from a Fire whose fuel is people and stones..." (Surah At-Tahrim, 66:6)**

**FATHERS CAN CONTINUE SUPPORTING STEM SKILLS, LIKE ENGAGING IN ROBOTICS, SCIENTIFIC CHALLENGES, OR MATH PROBLEM-SOLVING ACTIVITIES.**

### **3. THE ISLAMIC APPROACH TO STEM PARENTING**

**FATHERS IN ISLAM ARE ENCOURAGED TO MODEL STRONG VALUES, RESILIENCE, AND DEDICATION, QUALITIES THAT RESONATE WITH STEM EDUCATION. ISLAMIC TEACHINGS EMPHASIZE UNDERSTANDING ALLAH'S CREATION, REFLECTED IN THE BEAUTY OF SCIENCE. ENCOURAGING CHILDREN TO LEARN AND EXPLORE ALLAH'S WORLD THROUGH STEM IS BOTH FULFILLING AND FAITH-AFFIRMING.**

An illustration in the bottom right corner shows a child's head and shoulders. The child is wearing a blue headscarf and a red top. The background is a light, warm color.

**FATHERS CAN INSPIRE CHILDREN TO STUDY BIOLOGY AS A MEANS OF APPRECIATING ALLAH'S CREATION OF LIFE OR ENGAGE IN PHYSICS TO UNDERSTAND THE DIVINE ORDER IN NATURE.**

#### **4. REAL-LIFE EXAMPLES AND SUCCESS STORIES**

**INCLUDE STORIES FROM ISLAMIC HISTORY, SUCH AS THE PROPHET MUHAMMAD'S (PBUH) CARE AND GUIDANCE FOR HIS GRANDCHILDREN. SHARE MODERN EXAMPLES OF FATHERS WHO HAVE FOSTERED THEIR CHILDREN'S LOVE FOR SCIENCE, TECHNOLOGY, AND CRITICAL THINKING. THESE STORIES EMPHASIZE THE TRANSFORMATIVE POWER OF A FATHER'S GUIDANCE**

#### **5. PRACTICAL STEM ACTIVITIES FOR FATHER-CHILD BONDING**

**PROVIDE A LIST OF STEM ACTIVITIES FOR FATHER-CHILD BONDING THAT INTEGRATE ISLAMIC VALUES. EXAMPLES INCLUDE:**

**MODEL-BUILDING OR SCIENCE EXPERIMENTS: FATHERS CAN EXPLAIN HOW ALLAH HAS CREATED EVERYTHING WITH BALANCE AND PURPOSE WHILE EXPLORING NATURE'S PRINCIPLES IN PHYSICS AND BIOLOGY.**





**INVENTION DAYS OR CREATIVE DIY PROJECTS: ENCOURAGE CREATIVE PROJECTS THAT MIRROR ISLAMIC VALUES OF PATIENCE AND TEAMWORK. FATHERS CAN FRAME THESE AS OPPORTUNITIES FOR REFLECTION ON ALLAH'S WISDOM AND CREATIVITY.**

## ***6. LONG-TERM BENEFITS OF FATHERLY INVOLVEMENT***

**EXTENSIVE STUDIES SHOW THAT CHILDREN BENEFIT ACADEMICALLY AND EMOTIONALLY WHEN FATHERS ARE ENGAGED IN THEIR LIVES. THIS ECHOES THE ISLAMIC VIEW THAT FATHERS ARE RESPONSIBLE FOR THE WELL-BEING AND DEVELOPMENT OF THEIR CHILDREN, AS EMPHASIZED IN THE HADITH:**

**"Every one of you is a shepherd and is responsible for his flock. The man is the shepherd of his family and is responsible for his flock..." (Sahih al-Bukhari and Muslim)**

**SCIENTIFIC BENEFITS: STEM RESEARCH SUPPORTS THE IDEA THAT INVOLVED FATHERS CONTRIBUTE TO BETTER EDUCATIONAL OUTCOMES, A STRONGER SENSE OF IDENTITY, AND WELL-ROUNDED EMOTIONAL GROWTH, WHICH ALIGNS WITH THE HOLISTIC DEVELOPMENT ENCOURAGED IN ISLAMIC TEACHINGS.**

## **7. RESOURCES AND FURTHER READING**

**EXPLORE THESE RECOMMENDED RESOURCES FOR FURTHER LEARNING THAT ALIGNS WITH FAITH AND SCIENCE:**

### **BOOKS :**

**“THE INTELLIGENT HEART, THE PURE HEART” BY GAI EATON - A GUIDE ON NURTURING WISDOM AND EMOTIONAL INTELLIGENCE IN CHILDREN.**

**“SCIENCE AND ISLAM: A HISTORY” BY EHSAN MASOOD - INSPIRING STORIES ABOUT MUSLIM CONTRIBUTIONS TO SCIENCE.**

**“PARENTING IN THE AGE OF TECHNOLOGY: A MUSLIM PERSPECTIVE” BY ALIYA VAUGHAN - PRACTICAL ADVICE FOR PARENTING IN A DIGITAL WORLD.**

**“THE QURAN AND MODERN SCIENCE” BY DR. MAURICE BUCAILLE - INSIGHTS INTO THE HARMONY BETWEEN QURANIC TEACHINGS AND SCIENCE.**

### **WEBSITES :**

**MUSLIM KIDS TV - INTERACTIVE LEARNING AND ISLAMIC STORIES FOR CHILDREN.**

**YAQEEEN INSTITUTE - RESEARCH ON FAITH, ETHICS, AND SCIENCE.**

**KHAN ACADEMY - FREE STEM EDUCATION RESOURCES.**





## STEM PLATFORM:

**SCRATCH - A CODING PLATFORM FOR KIDS.**

**WONDEROPOLIS - DAILY QUESTIONS THAT SPARK CURIOSITY ABOUT THE WORLD.**



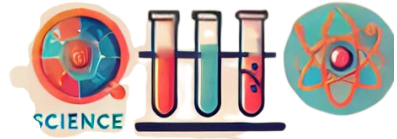
**THESE RESOURCES PROVIDE VALUABLE SUPPORT FOR FATHERS NURTURING FAITH AND SCIENCE IN THEIR CHILDREN'S LIVES.**



## ***THANK YOU FOR READING***

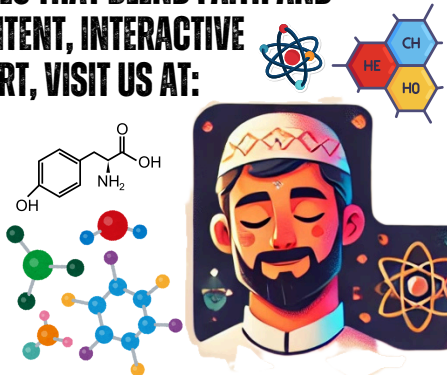
**WE HOPE SCIENCE, FAITH, AND FATHERHOOD: UNLOCKING POTENTIAL THROUGH ACTIVE PARENTING HAS INSPIRED YOU TO EXPLORE THE BEAUTIFUL JOURNEY OF FATHERHOOD THROUGH THE LENS OF FAITH AND KNOWLEDGE. BY INTEGRATING ISLAMIC VALUES WITH STEM LEARNING, FATHERS CAN NURTURE A GENERATION THAT RESPECTS TRADITION WHILE EMBRACING INNOVATION.**

**CONTINUE YOUR JOURNEY WITH US**



**AT SHAJAR LEARNING FOUNDATION, WE ARE DEDICATED TO EMPOWERING FAMILIES WITH RESOURCES THAT BLEND FAITH AND PRACTICAL KNOWLEDGE. FOR MORE CONTENT, INTERACTIVE WORKSHOPS, AND COMMUNITY SUPPORT, VISIT US AT:**

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