



واحة الملك سلمان للعلوم
KING SALMAN SCIENCE OASIS

Summer STEAM Camp 2025

Discover Your Passion... Unleash Your Potential

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Discover Your Passion... Unleash Your Potential

An intensive scientific journey that blends hands-on learning with engaging edutainment activities, opening new horizons of innovation and entrepreneurship under the guidance of experts and specialists in a safe, well-equipped environment.



Why choose the Summer STEAM Camp?

- Content designed with the latest educational strategies in partnership with subject-matter experts.
- A balanced blend of applied learning and fun activities for a holistic experience.
- Training sessions led by certified professionals.
- Weekly inspiration meetings where entrepreneurs share their success stories.
- Sports and leisure activities.
- Safe, well-supervised facilities staffed by qualified teams.
- Prime location with convenient access: Riyadh Metro (King Salman Oasis Station), public bus routes, and ample parking.



What will participants gain?

A **30-hour**, five-day intensive program that aims to:

- Deeper understanding of research and innovation fields and their real-life applications.
- Future-ready skills through science and technology projects.
- Reinforced values of initiative, teamwork, empathy, leadership, and social responsibility—boosting confidence and a lifelong love of learning.



Registration requirements

- Ages 8 – 18.
- Ability to work in teams and participate actively.
- Personal laptop required.

Days	Sunday – Thursday, 6 hours daily
Tracks	<ul style="list-style-type: none">•Track A: Grade 5 – Grade 7•Track B: Grade 8 – Grade 12
Languages	Choose either Arabic or English.
Available weeks (select one)	<ul style="list-style-type: none">•6 – 10 July 2025•13 – 17 July 2025•20 – 24 July 2025•27 – 31 July 2025•3 – 7 August 2025•10 – 14 August 2025

Daily Schedule

Participants may choose **morning** or **evening sessions**.

Morning Session (8 am – 2 pm)

Time	Program
8 – 9 am	Research & Innovation Domains
9 – 11 am	Digital Future Makers
11 am – 12 pm	Dhuhr prayer • Snack • Sports & recreation
12 – 2 pm	Innovation & Entrepreneurship
2 pm	End of day

Evening Session (3 pm – 9 pm)

Time	Program
3 – 4 pm	Research & Innovation Domains
4 – 6 pm	Digital Future Makers
6 – 7 pm	Maghrib prayer • Snack • Sports & recreation
7 – 9 pm	Innovation & Entrepreneurship
9 pm	End of day

Program Details



Research and Innovation

A specialized journey introducing participants to national priorities in research, development, and innovation, promising sectors and paths, educational and career opportunities, and entrepreneurship prospects, aligning with the Saudi Vision 2030.

Learning Objectives:

1. Explore health and wellness related technologies such as bioengineering, genomics, preventive medicine.
2. Explore environment and sustainability related technologies such as environmental protection, carbon management, agriculture and food technologies.
3. Explore energy and industry related technologies such as electronics, semiconductors, advanced materials, and hydrogen technologies.
4. Explore future economic related technologies such as AI, electronic games, and smart cities.
5. Foster pride in national achievements in research and innovation through inspirational models and stories.

Digital Future Makers

Develop creative tech skills and teamwork—your gateway to tomorrow. Participants train in one of:

Learning Objectives:

1. Develop computational thinking and problem-solving skills.
2. Enhance engineering design abilities, enabling participants to turn ideas into tangible models and products.
3. Promote collaborative work and effective communication in technical projects.
4. Motivate participants to explore emerging technology areas and connect their learning to real-world challenges.

Research and Innovation

A rich program building participants' capabilities in innovation and entrepreneurship, focusing on specialized methodologies for developing innovation skills.

Learning Objectives:

1. Foster creative thinking, enabling participants to invent new solutions and turn their ideas into projects.
2. Enhance leadership and communication skills by allowing participants to work in teams, building self-confidence and clear expression of ideas.
3. Develop entrepreneurial skills including problem-solving, prototype design, and project presentation.
4. Inspire participants by showcasing successful models and interactions with entrepreneurs.



Sports & Edutainment Activities

A variety of fun events and competitions to recharge participants during the training day.

Educational Strategies

Summer STEAM Camp 2025 offers a comprehensive learning experience focused on applying knowledge through hands-on activities while strengthening 21st-century skills, built on these methods:

- 1.STEAM Approach:** Integrates Science, Technology, Engineering, Arts, and Mathematics in one context, linking learning to real-world challenges while adding creative flair.
- 2.Project-Based Learning:** Small teams tackle projects tied to camp themes, boosting research, problem-solving, time management, initiative, and achievement.
- 3.Gamification:** Games, competitions, and points drive intrinsic motivation, persistence, and enjoyable learning.



Registration link

