Acyberschool Cybersecurity Bridge Program Brief

The Acyberschool Cybersecurity Bridge Program is structured around several modules that blend theoretical knowledge with hands-on, practical learning experiences. The program is delivered entirely online, ensuring accessibility to students globally.
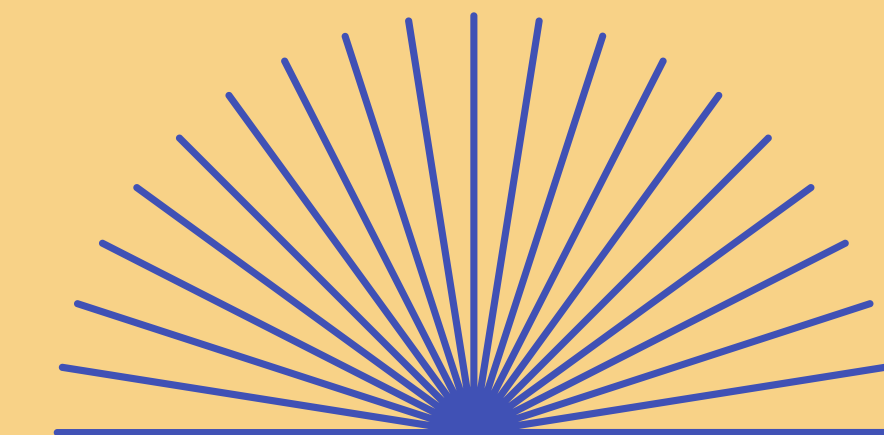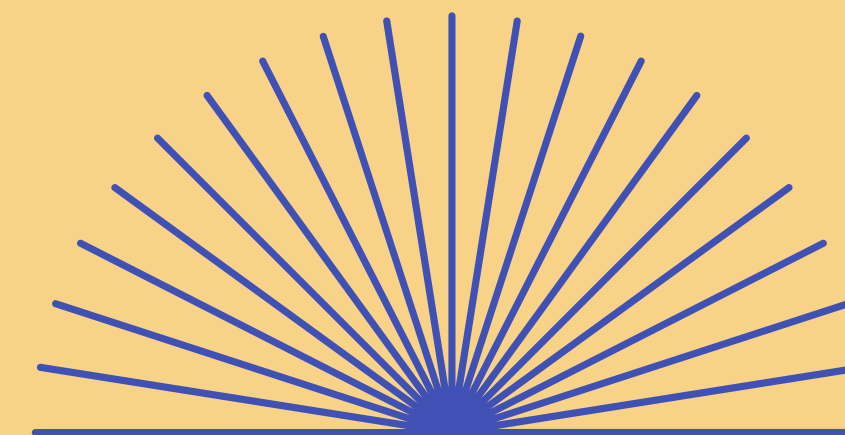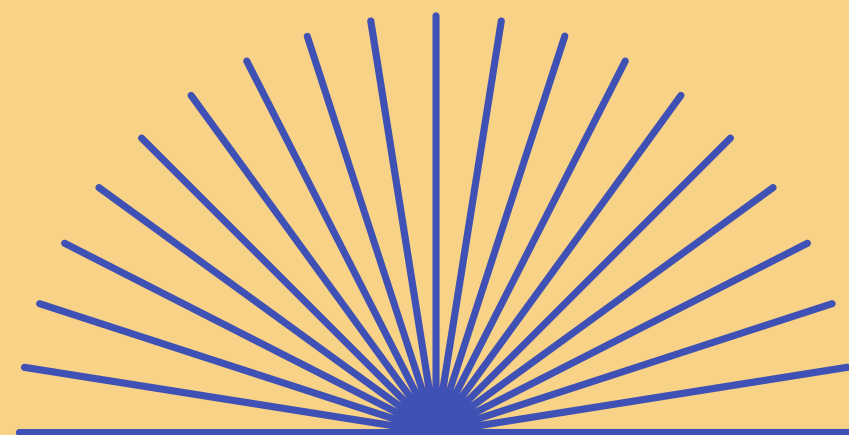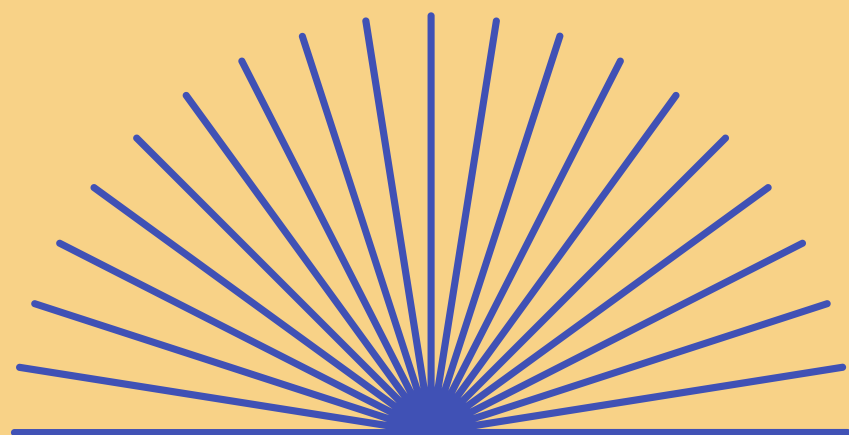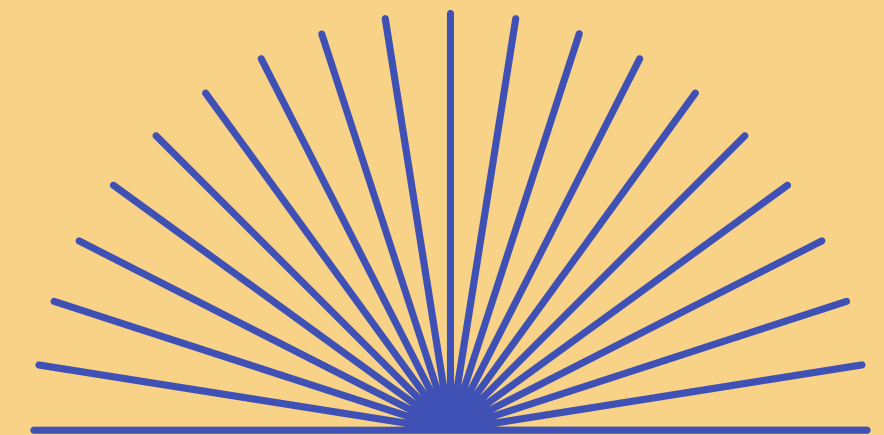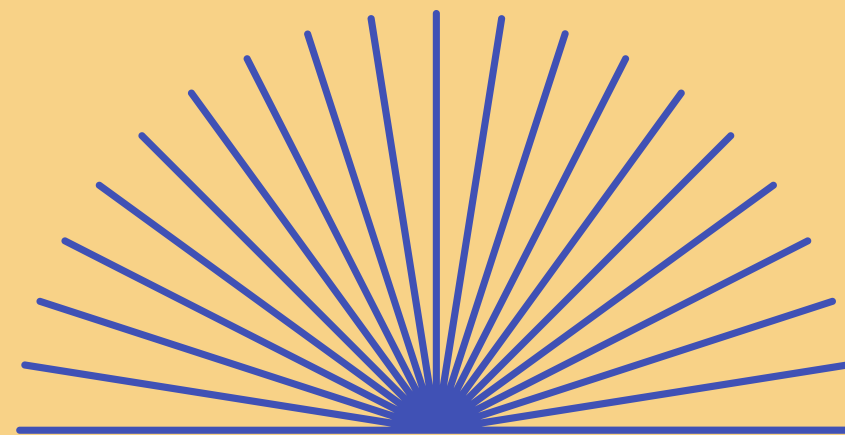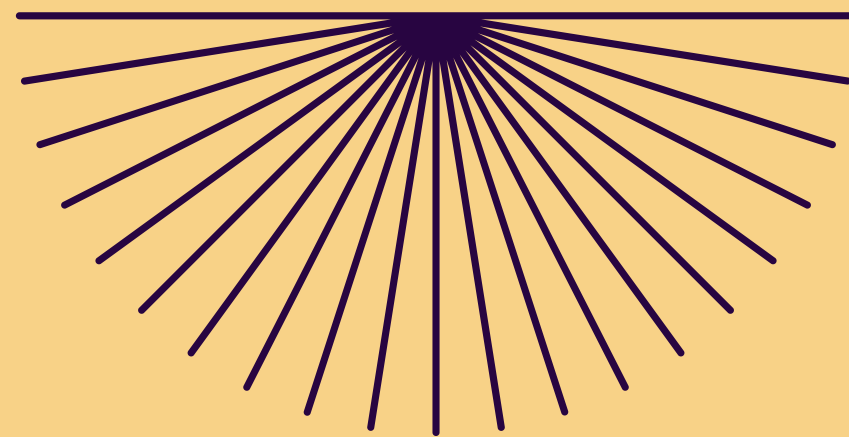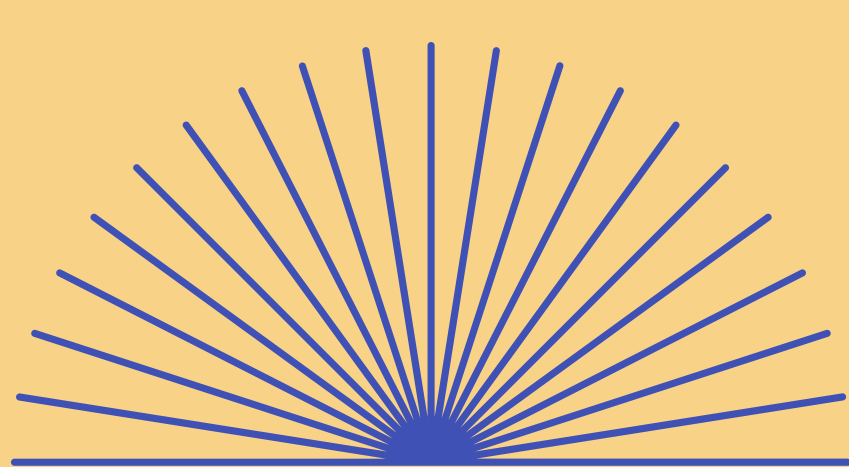
Key areas covered include:
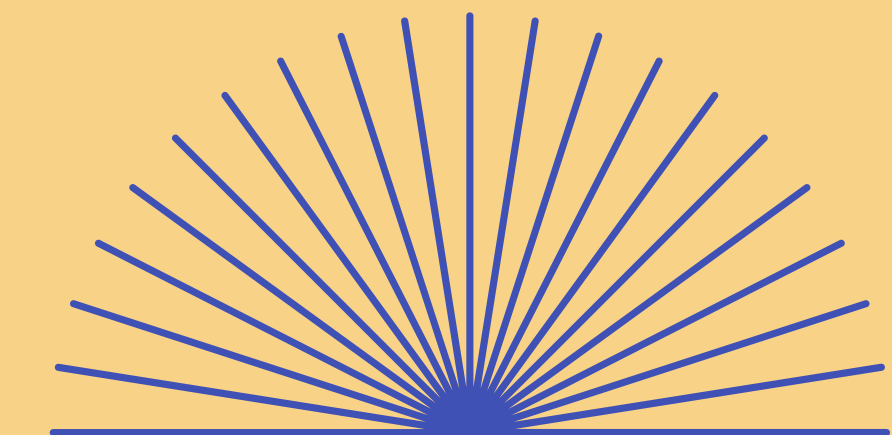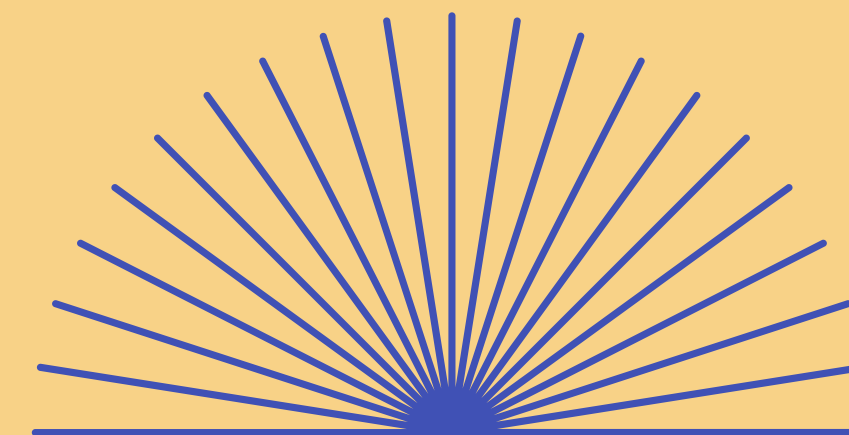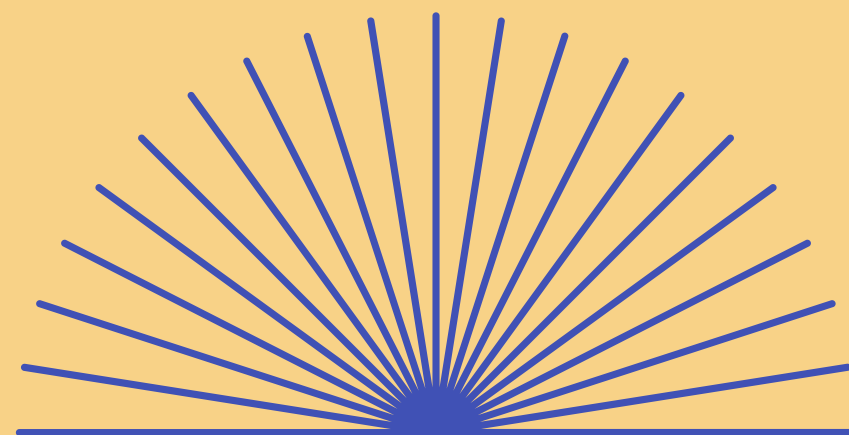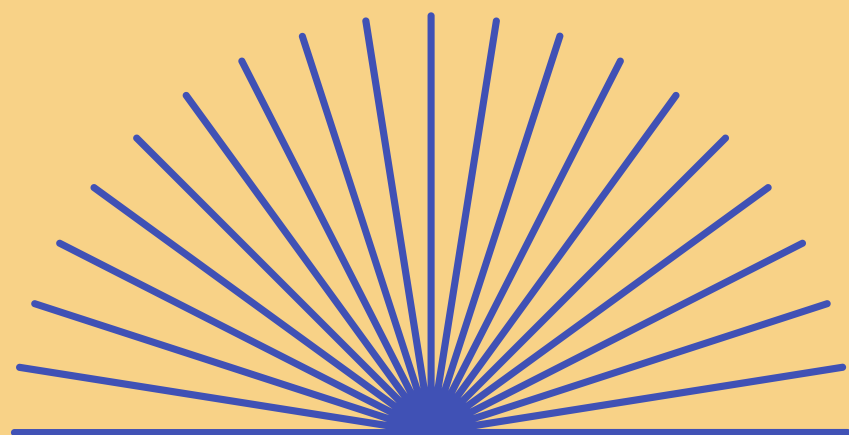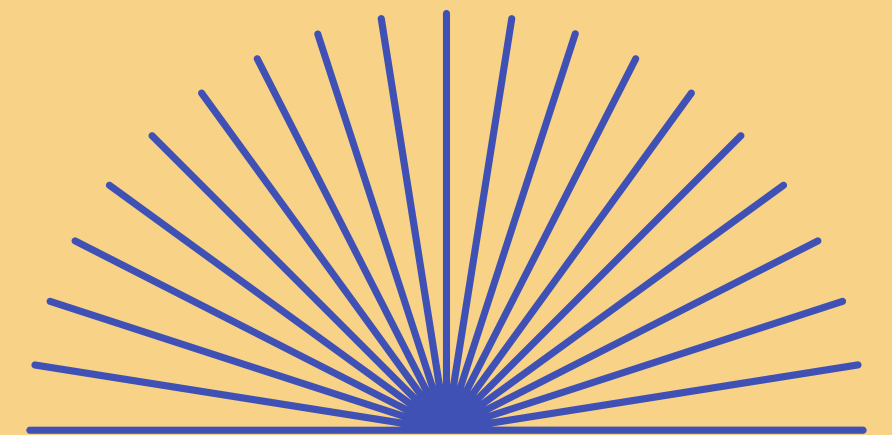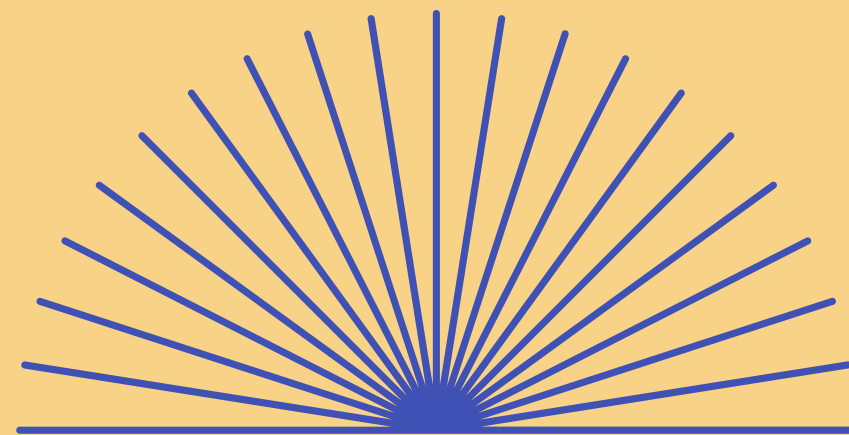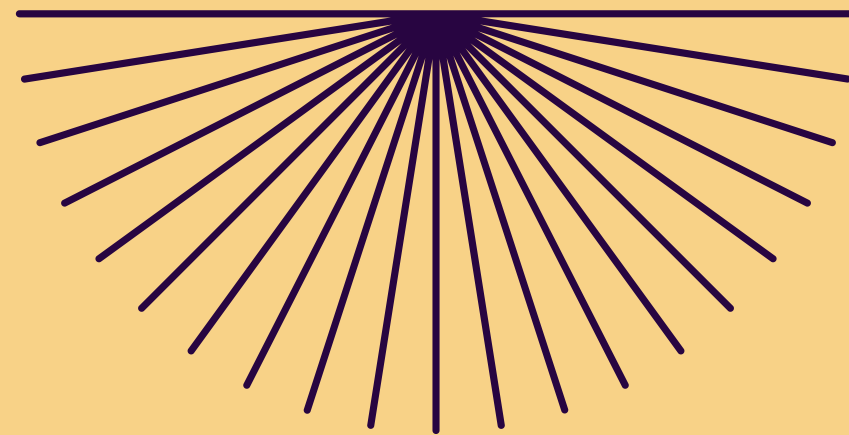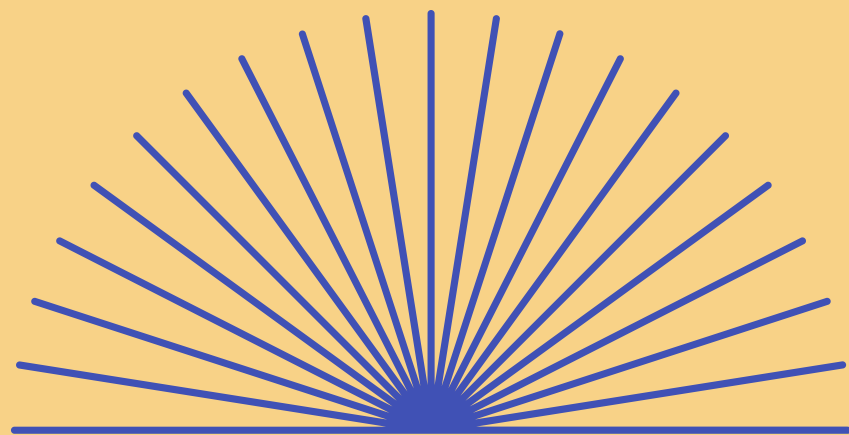
Introduction to Cybersecurity and Online Tools:
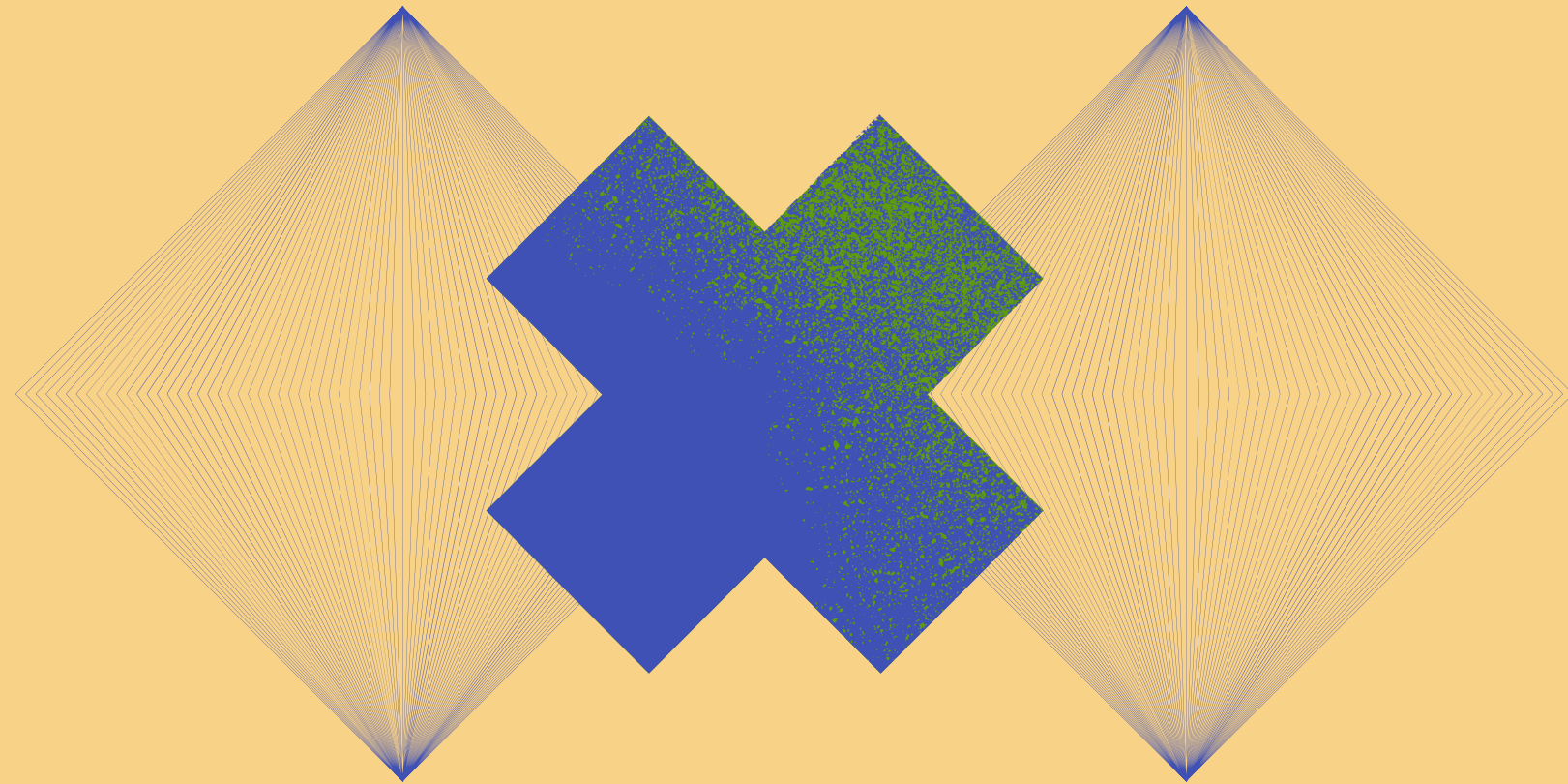
Students are introduced to Learning Management Systems (LMS) like Canvas and learn how to manage assignments, collaborate using tools like Zoom, Discord, and Google Workspace, and operate in a digital-first environment.

Cybersecurity Fundamentals:
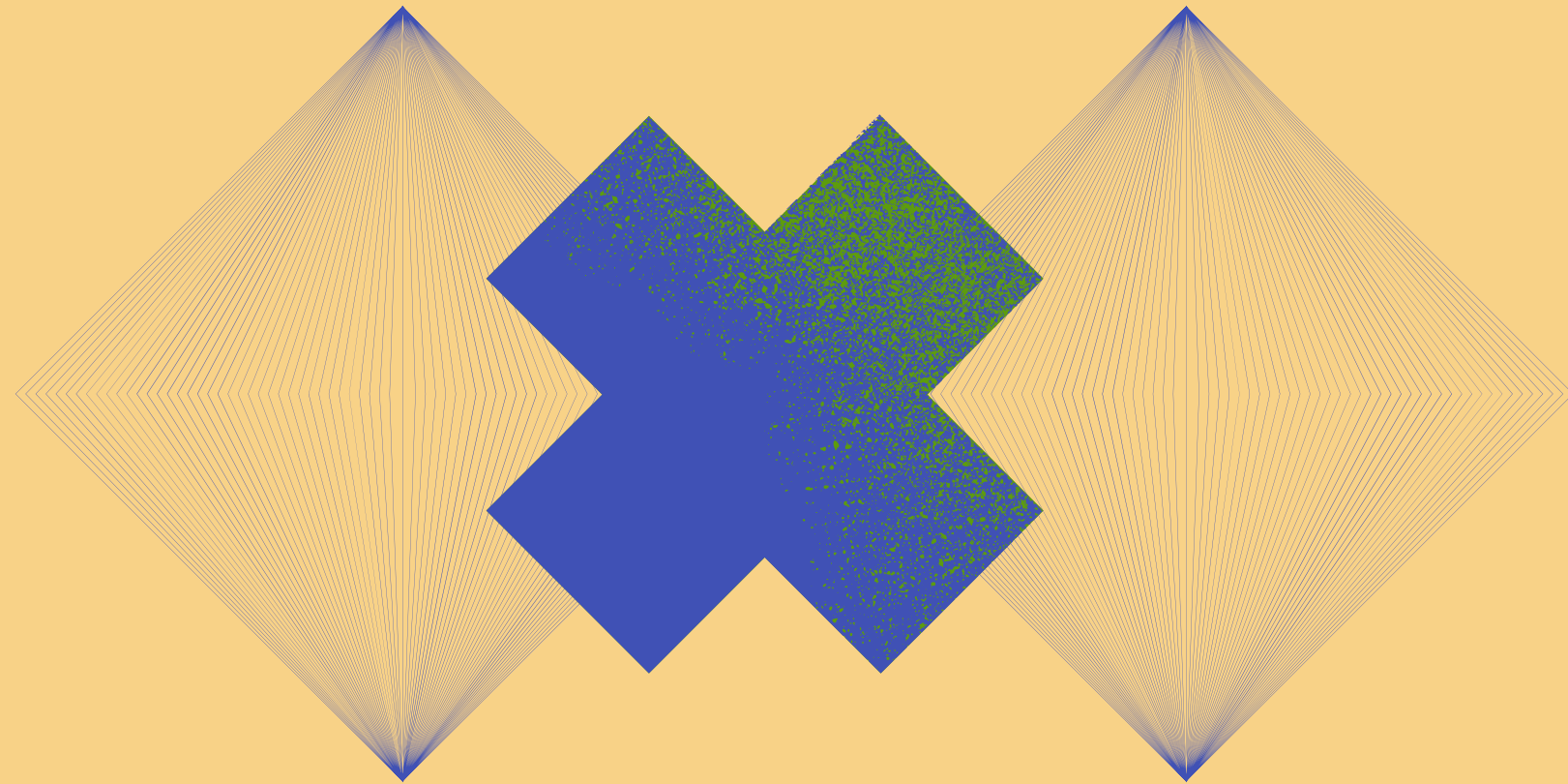
→ Foundational concepts such as threat identification, vulnerability management, and data protection strategies are covered. Practical exercises include configuring secure networks and setting up firewalls.

Securing Digital Environments:
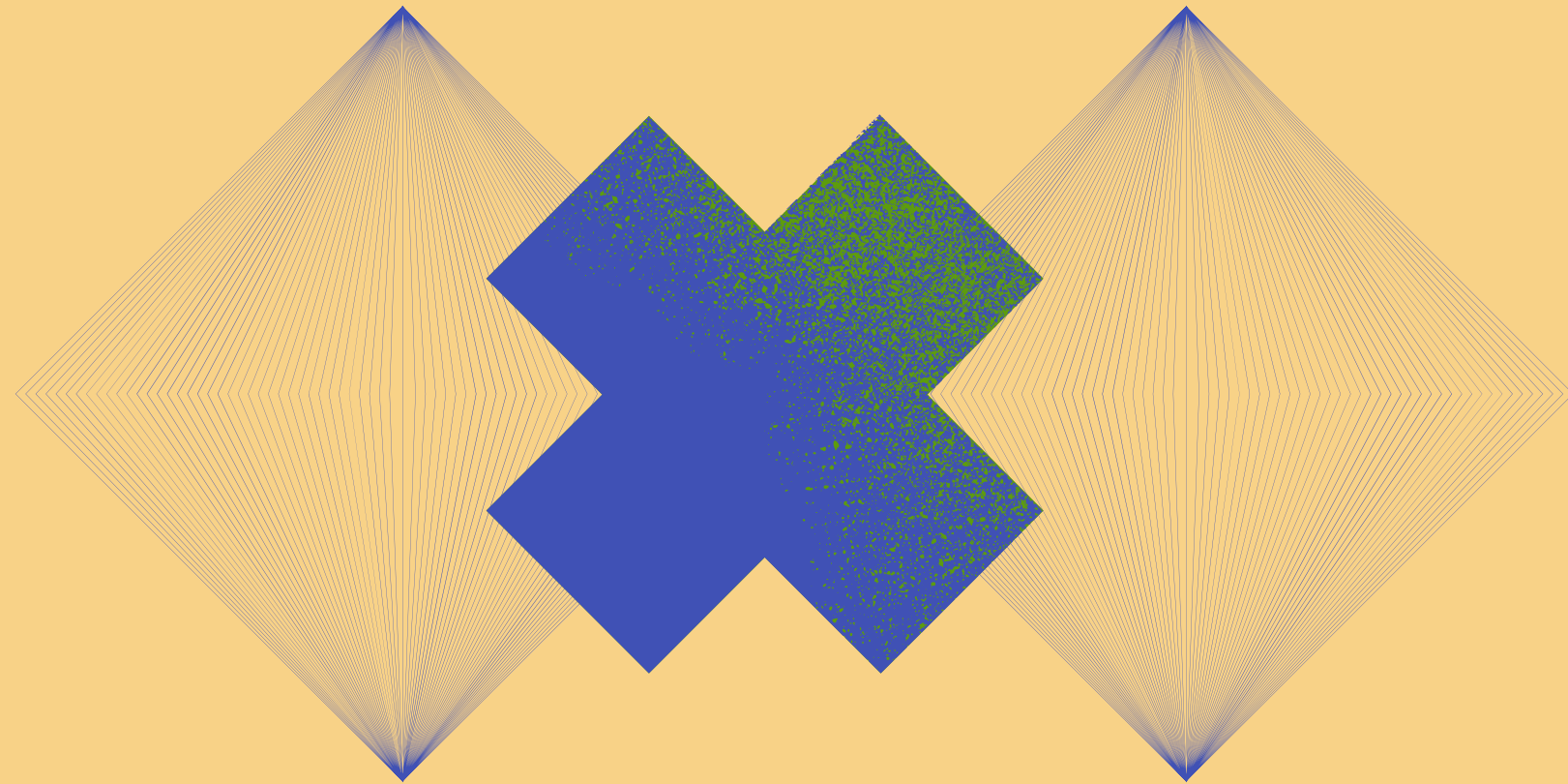
→ Students apply cybersecurity measures to secure home networks, business infrastructure, and digital communication. Hands-on learning activities include configuring Wi-Fi networks and ensuring secure communication channels.

Cyber Defense and Risk Management:

→ Students learn to assess cyber risks and respond to incidents using digital forensics and basic penetration testing techniques.
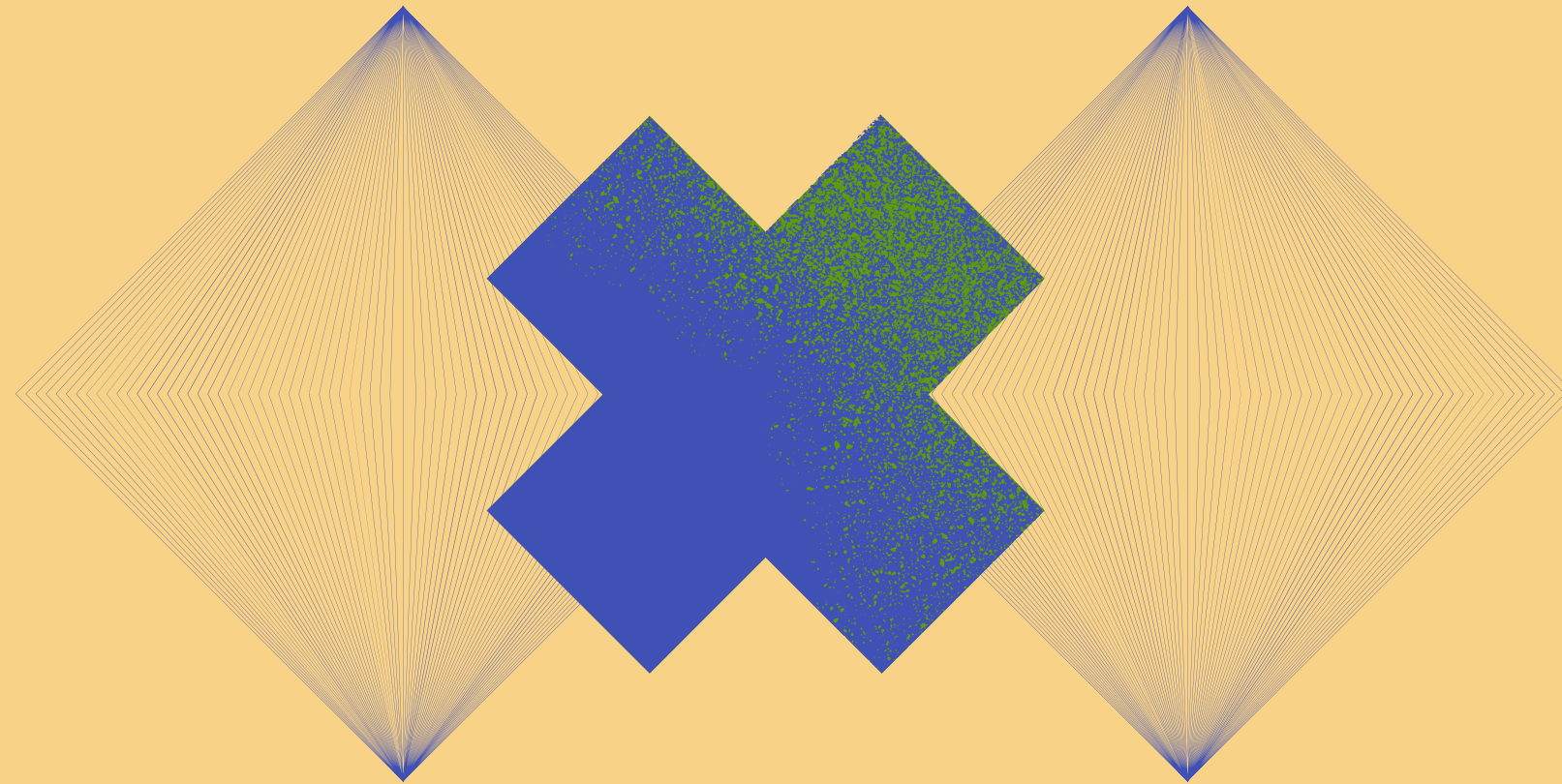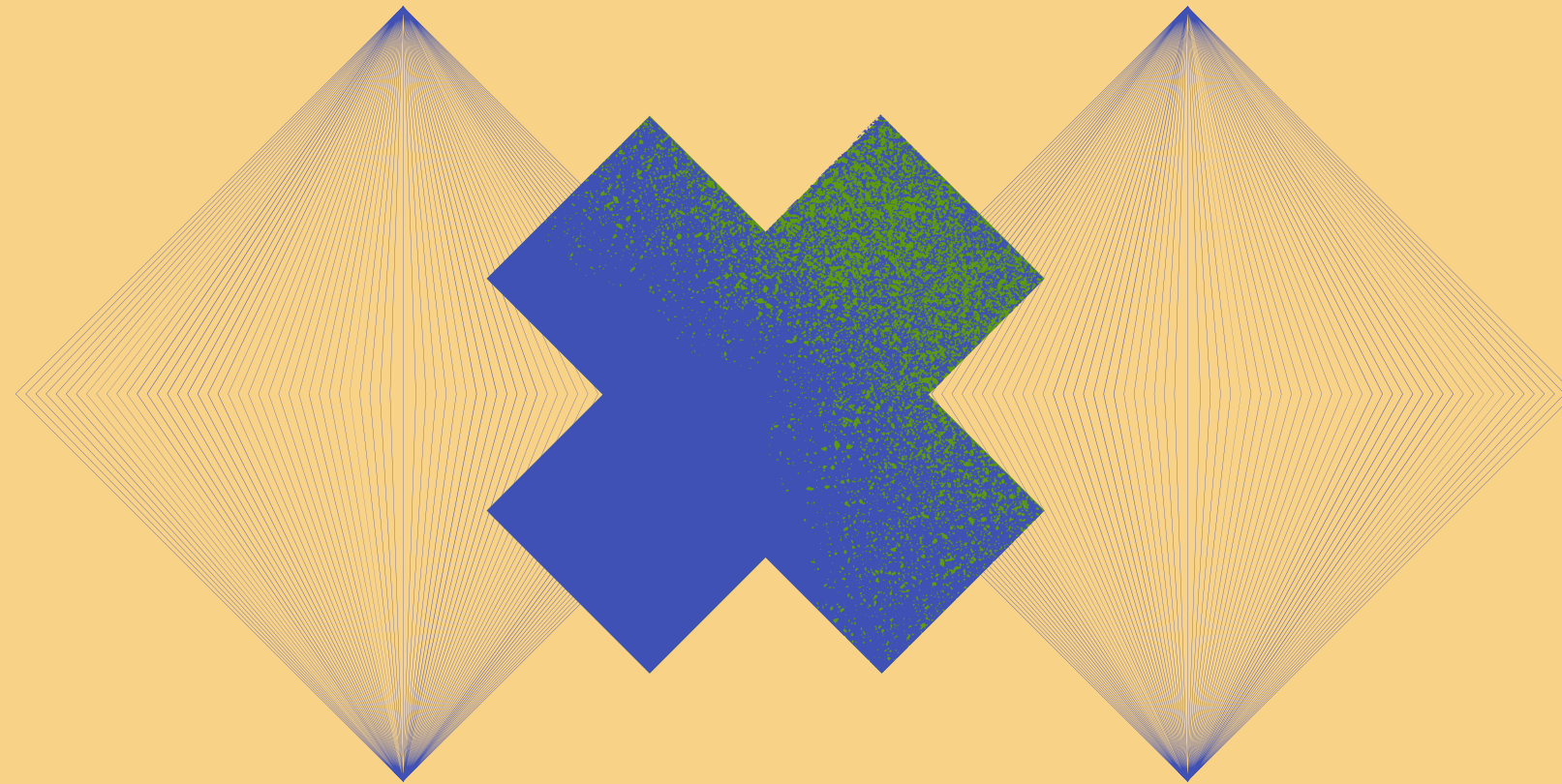
Cyber Hygiene and Personal Security:

→ Developing secure habits, including safe browsing, software updates, and avoiding malicious links, is emphasized. This module underscores the importance of digital hygiene in maintaining security.

Delivery Mode and Accessibility
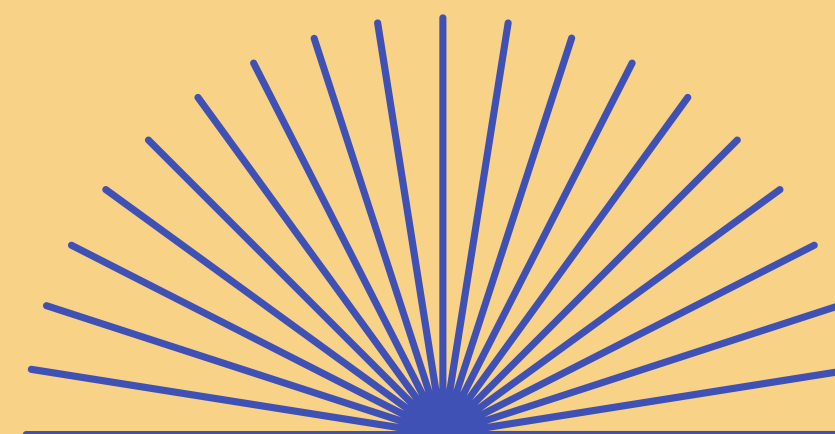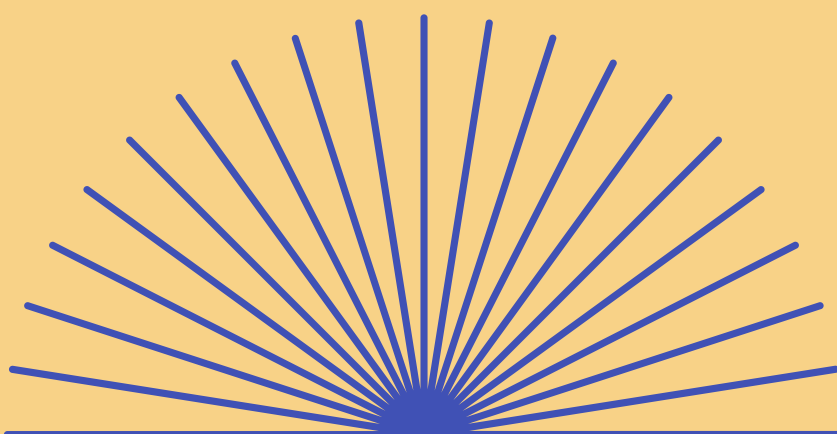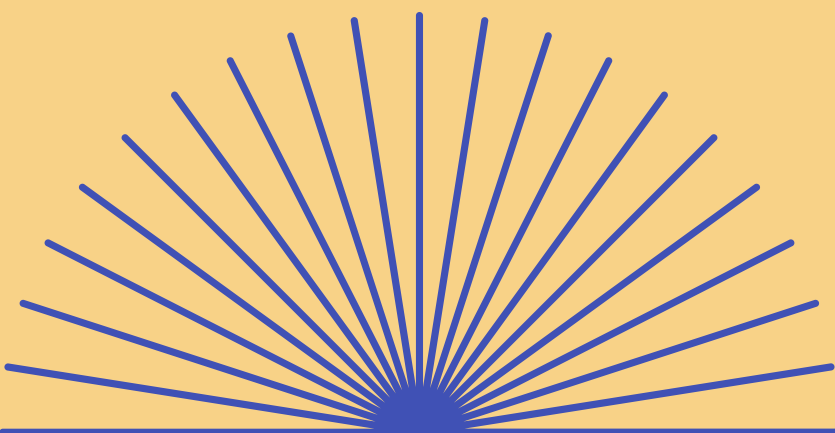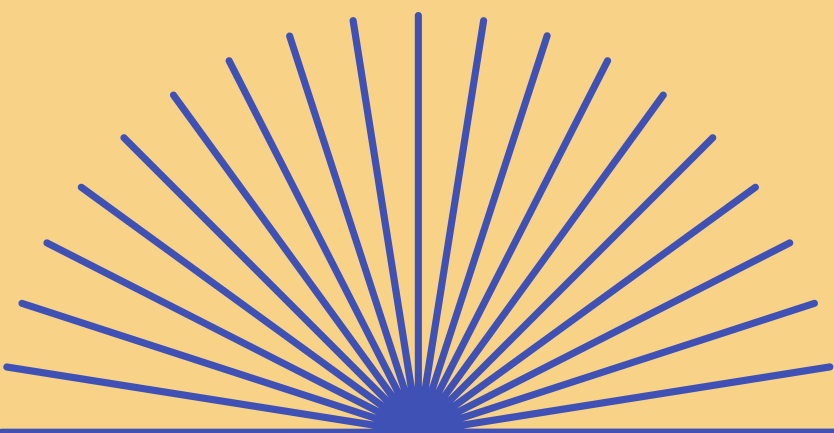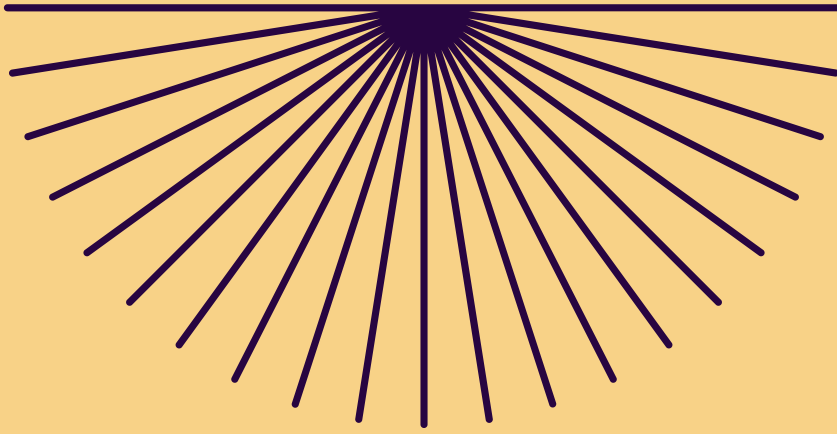
The program is delivered entirely online, making it accessible to students worldwide, regardless of location or access to high-end devices.
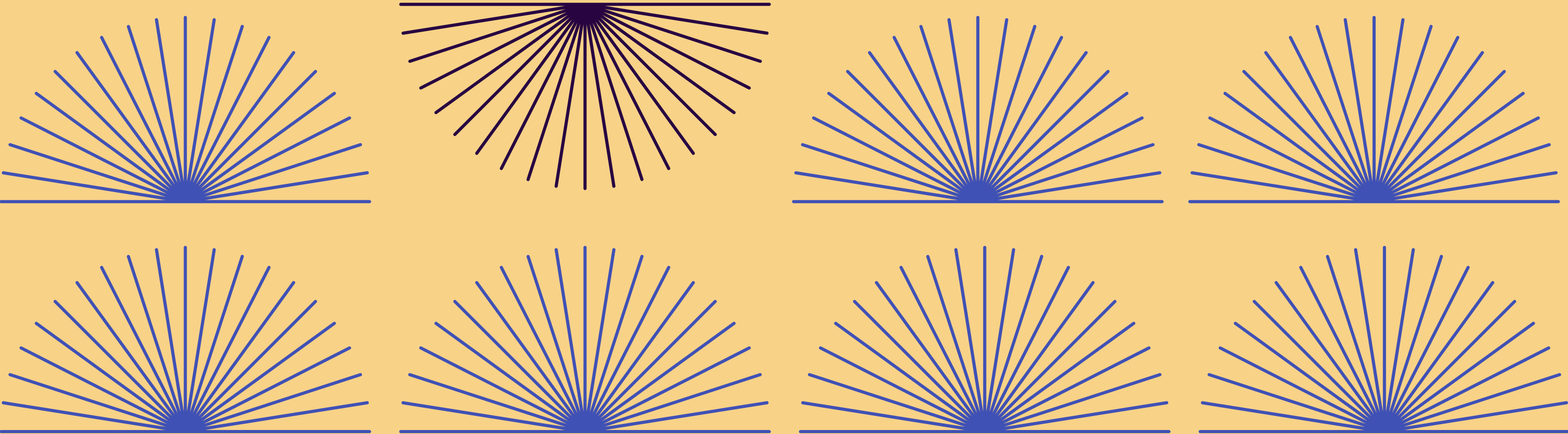
Weekly Live Seminars: These interactive sessions provide opportunities for students to engage with instructors and peers, receive real-time feedback, and discuss complex topics in-depth.
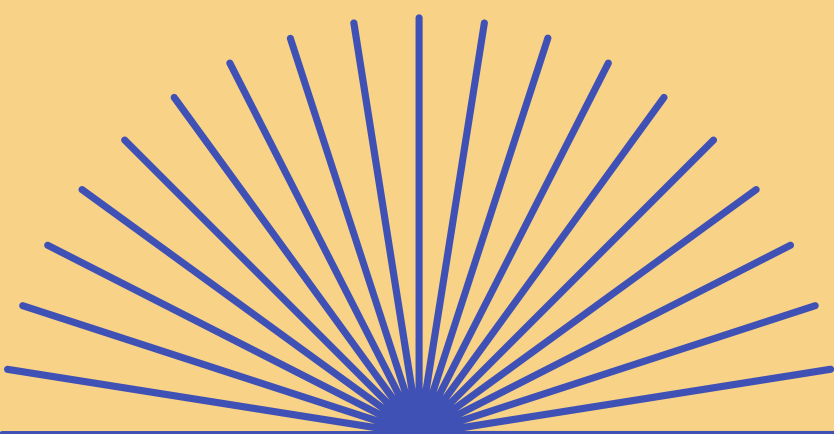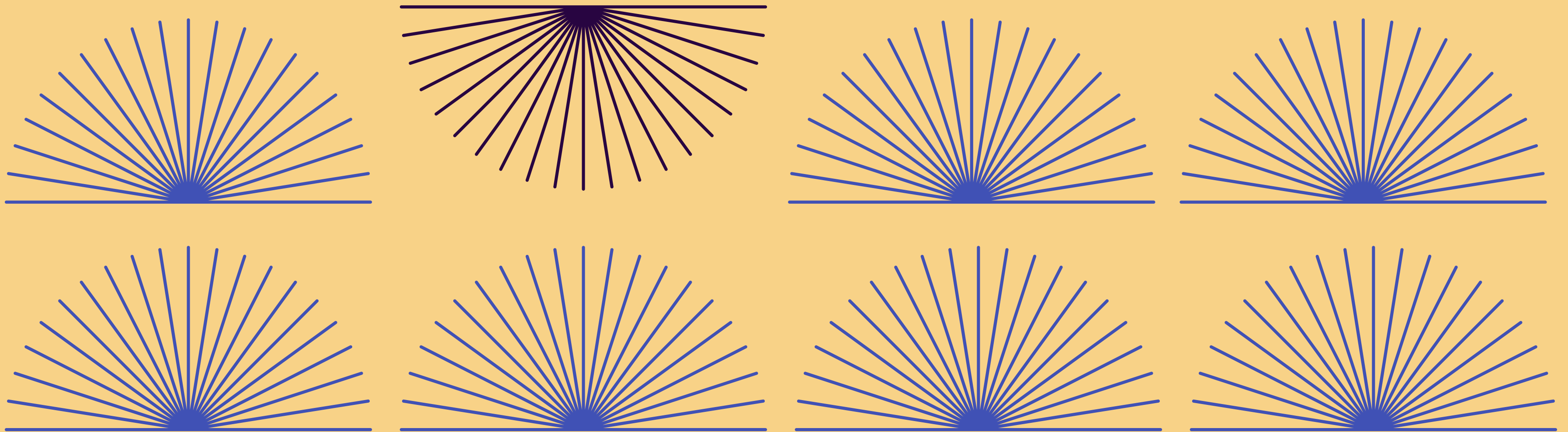
Self-Paced Learning: Students have access to a rich library of video tutorials, practical exercises, and downloadable resources, allowing them to learn at their own pace.
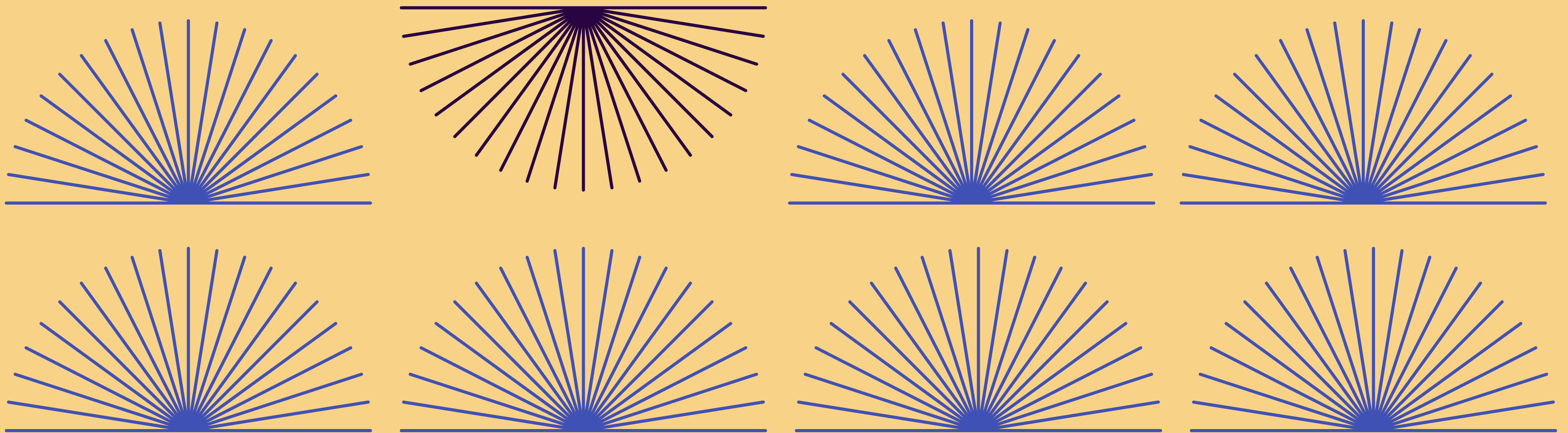
Inclusive Access: The program is designed to accommodate students using public computers or low-spec devices, utilizing web-based tools that do not require heavy downloads or installations.
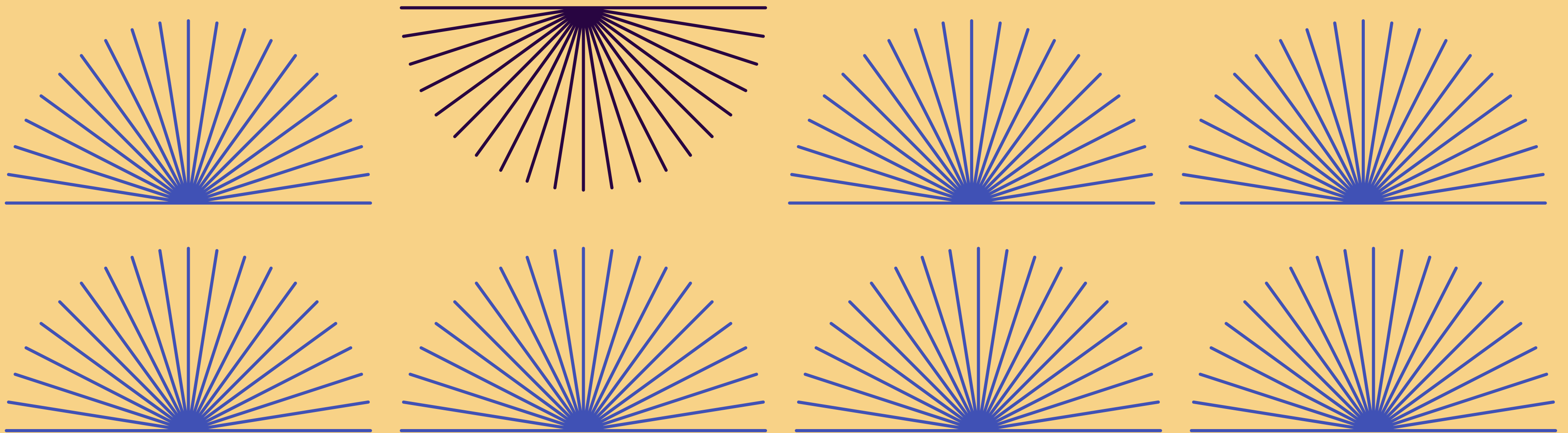
The Stark Difference: Program Participants vs. Non-Participants
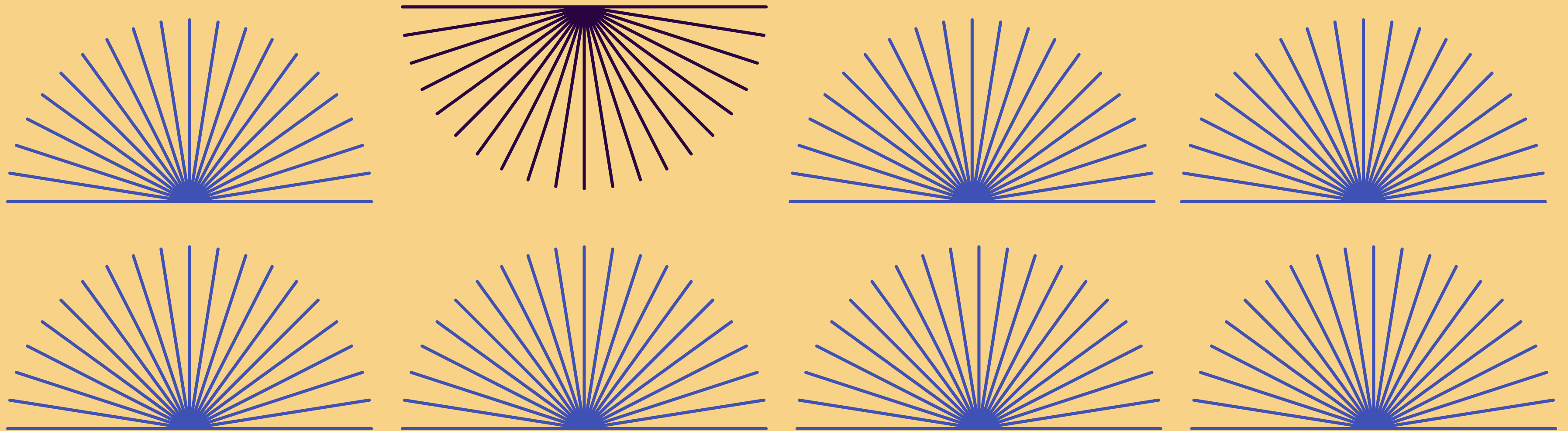
The difference between students who complete the program and those who do not is profound:

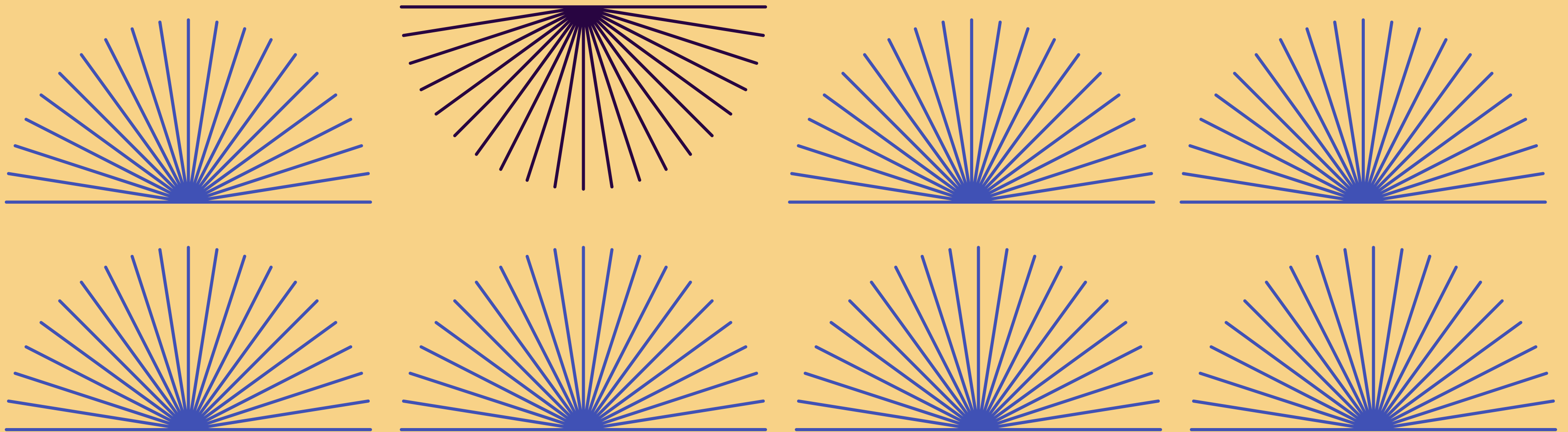Program Graduates leave with the ability to secure not only their own digital environments but also those of their families, schools, and workplaces. They are confident in navigating online spaces safely, identifying threats, and mitigating risks. Their knowledge also positions them for further academic achievements or immediate career opportunities in cybersecurity.
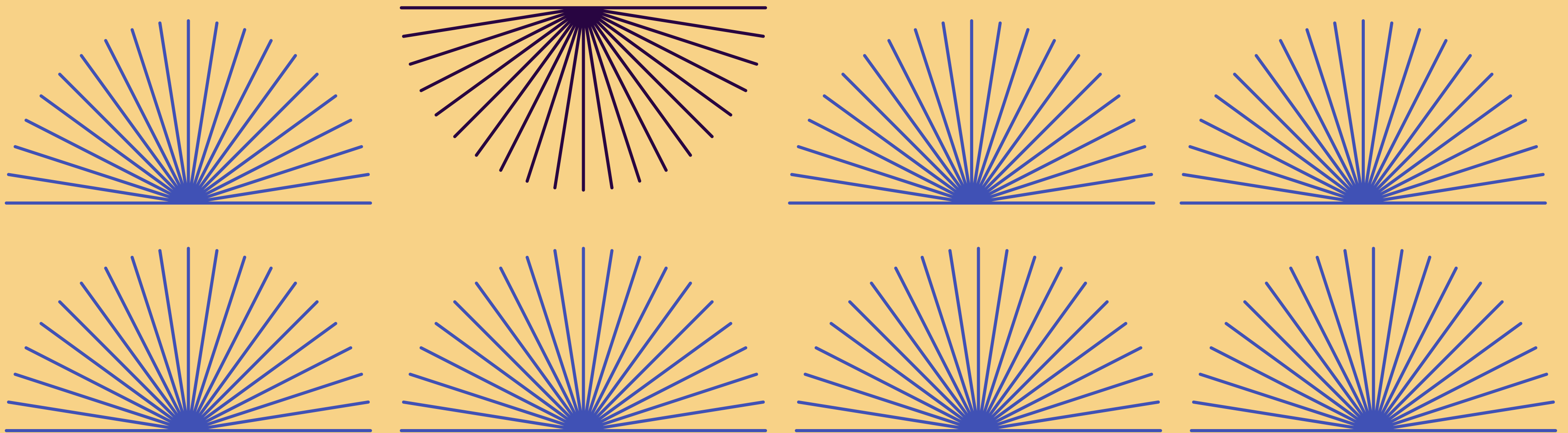
Non-Participants are often left vulnerable to cyber threats and struggle with the demands of the digital world. Without the foundational skills this program provides, they are more likely to face security breaches, online scams, and other risks that could have been mitigated with proper training.
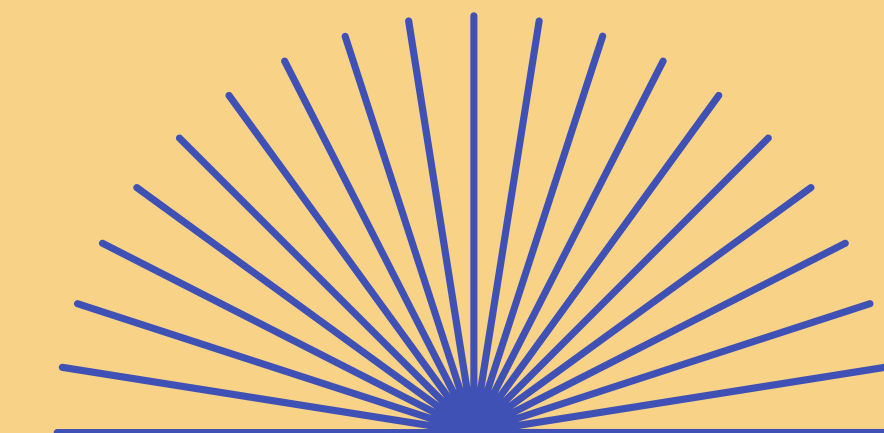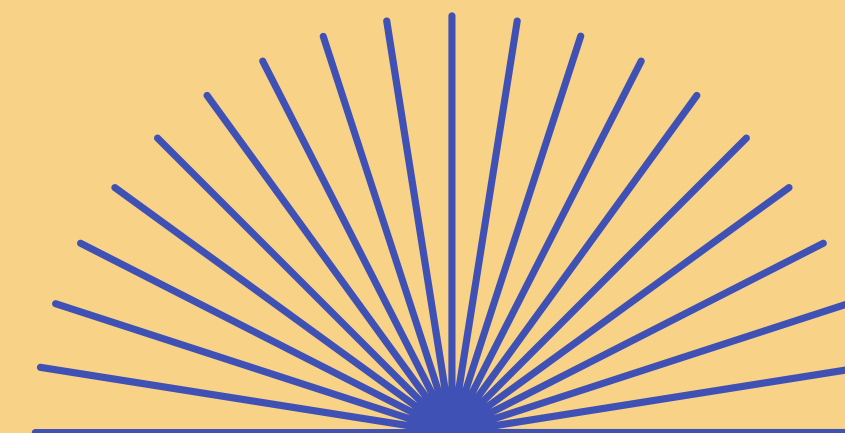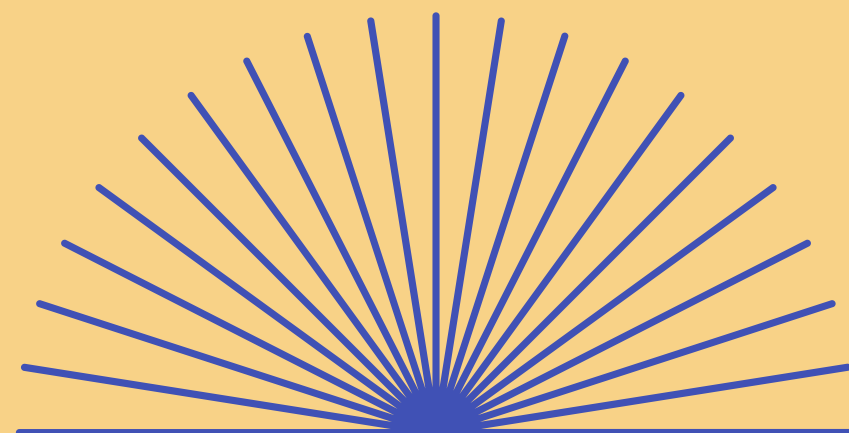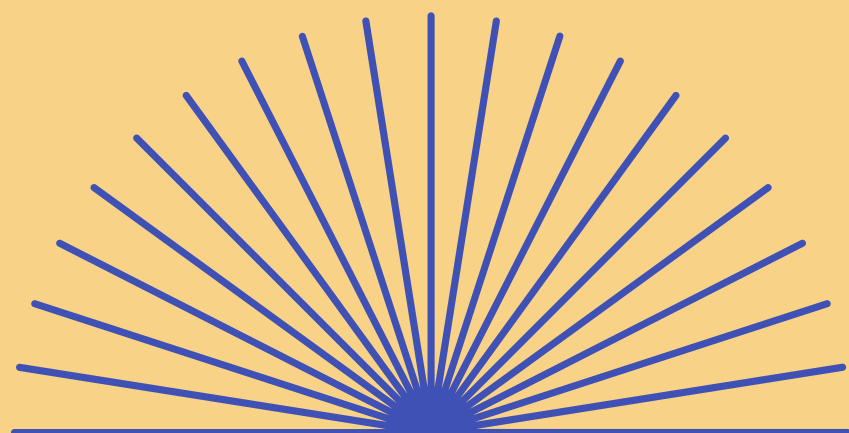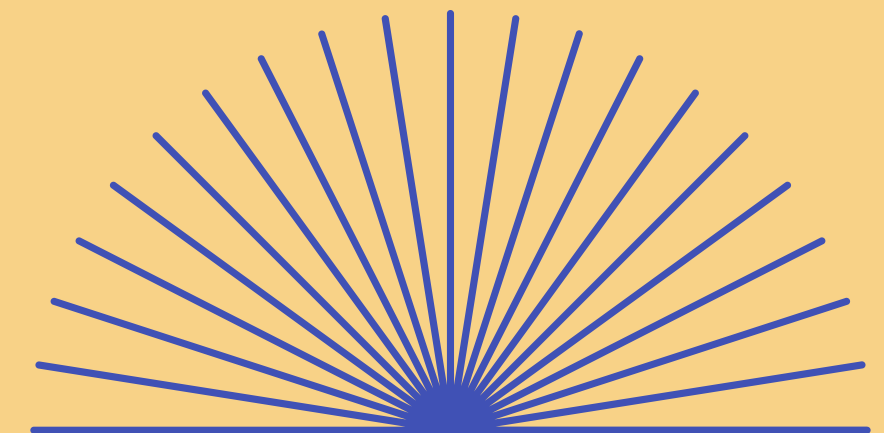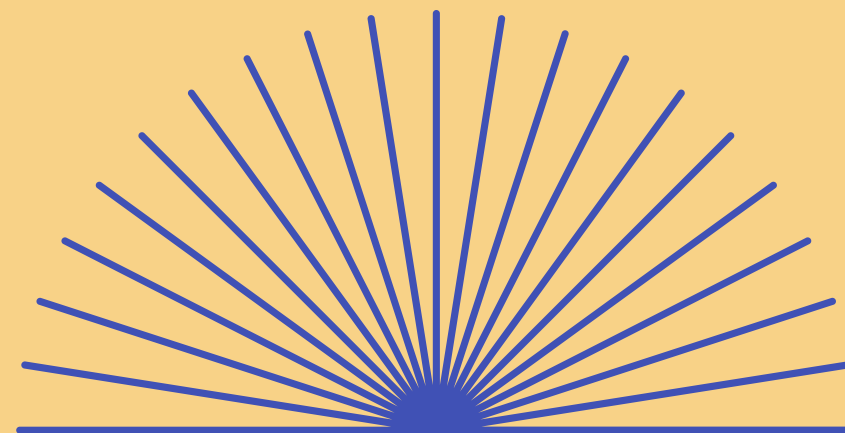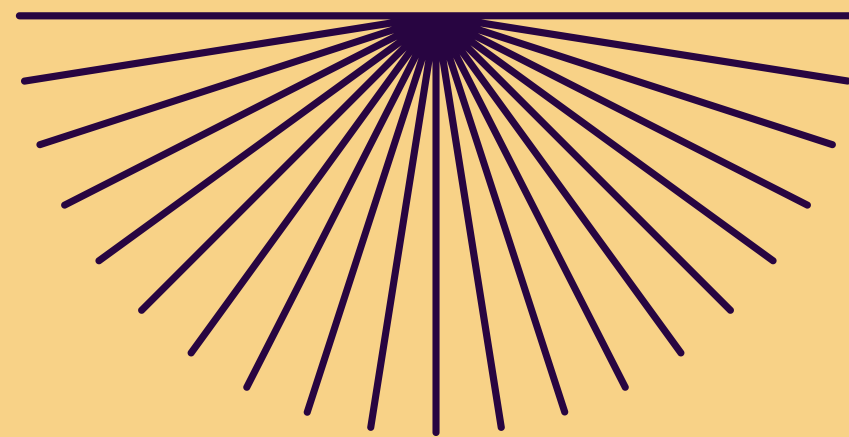
VVhy This Program Matters

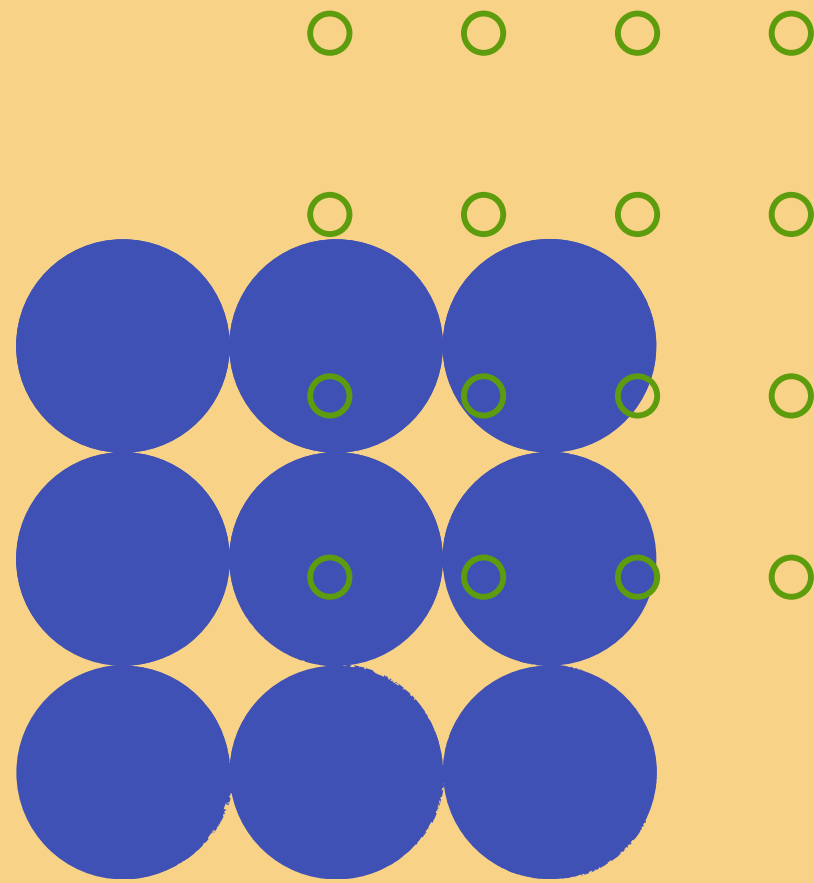→ The Acyberschool Cybersecurity Bridge Program is a critical investment in the future of students, offering them the knowledge and skills necessary to succeed in an increasingly digital world. For parents, educators, and development partners, this program represents a transformative opportunity to equip students with skills that will shape their future academic and professional success.

→ This program is a life skill that will benefit students long after they complete the program, helping them protect themselves, their families, and their communities from digital threats.

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