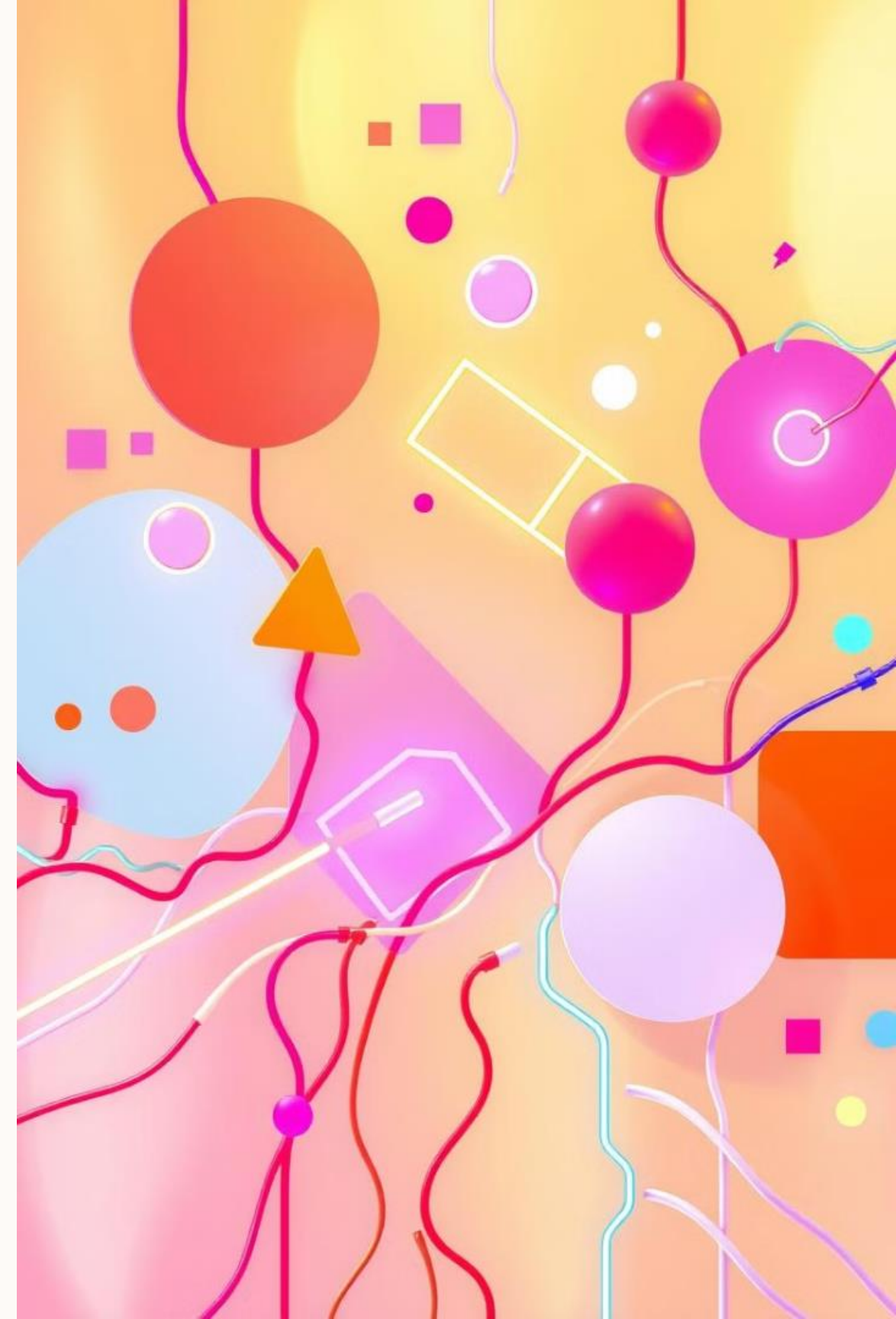


Introduction to Creative Coding Platforms

Welcome to the world of creative coding. This presentation will introduce you to the exciting realm of building interactive art, animations, games, and more using code.

by Gerard Vella
Newark School Malta.



What is Creative Coding?

Coding for Creativity

Creative coding is a blend of computer programming and artistic expression. It empowers you to bring your ideas to life using code.

Beyond Traditional Programming

It goes beyond writing code for practical tasks. Creative coding focuses on artistic outcomes and interactive experiences.

Benefits of Creative Coding

Problem-Solving

Coding encourages logical thinking and finding creative solutions to challenges.

Computational Thinking

It develops critical thinking skills by breaking down complex problems into smaller steps.

Creativity and Expression

Creative coding lets you explore artistic ideas and express yourself through code.



Overview of Scratch

Scratch is a visual programming language designed specifically for young learners and beginners. It features a block-based interface, making coding accessible and fun.





```
21 Chollefle)
12 Canice ace = fly
15. Spatile deral gtalecto):
10 retale tme leconaates)
4 reatiagt:

1 Ctrile avoaralees = Sap llov:
2. spite reaten;
3. sgntees oungbite genally:
15 Contiesl lecontartes)
17, est anurg
1 )
```

Scratch's Core Features



Block-Based Coding

Users drag and drop colorful blocks to create code without typing.



Sprites and Stages

Scratch allows you to create animated characters and design backdrops.



Sound and Music

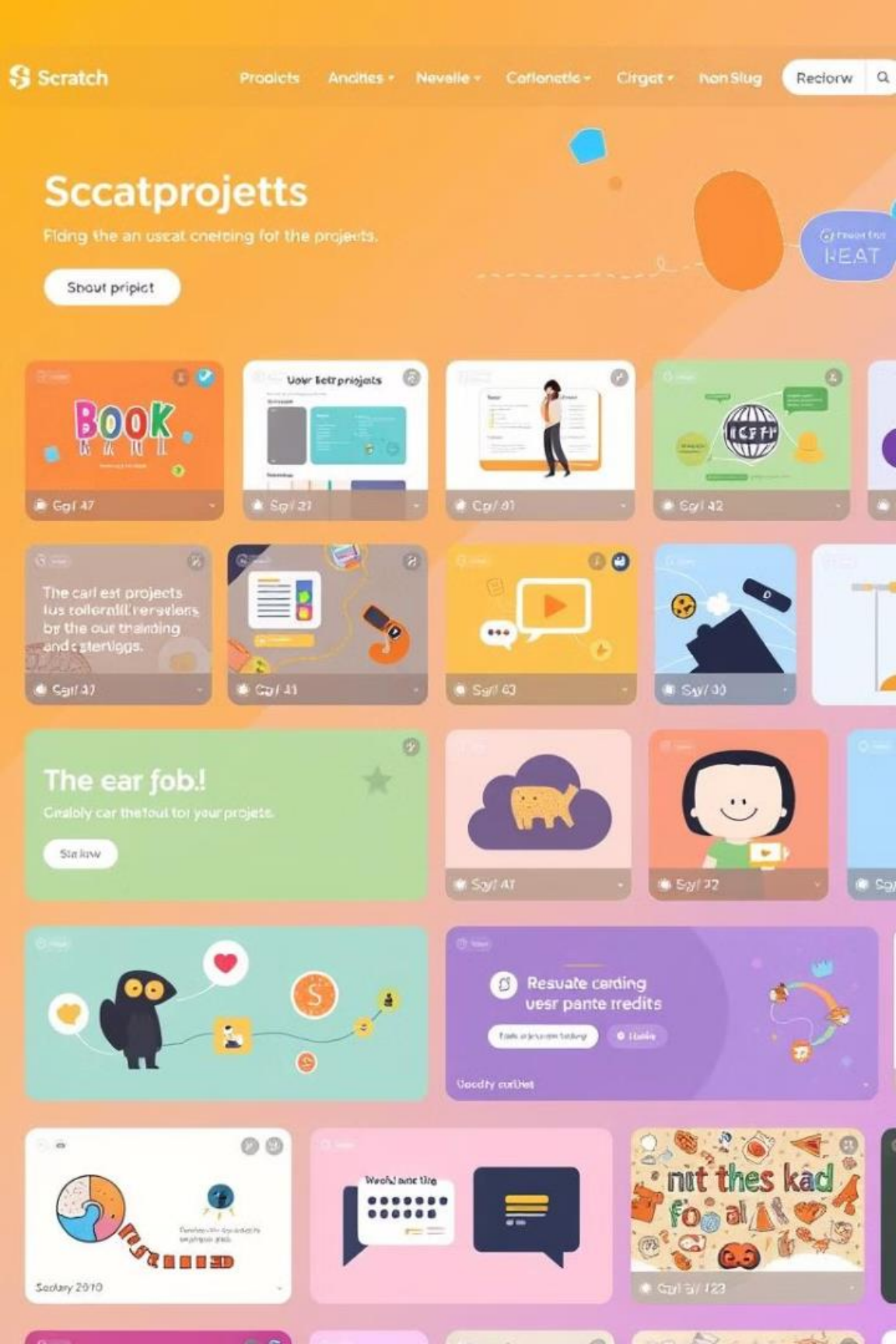
Add sound effects, music, and voice recordings to your projects.

Scratch

Create

Getting Started with Scratch

Visit the Scratch website and click "Create." Explore the block library, create a sprite, and experiment with basic commands.



Scratch Projects and Community

Share your projects online and explore the vast collection of projects created by others. Join the Scratch community to learn, collaborate, and share your work.

Conclusion and Next Steps

Creative coding empowers you to express your ideas, build interactive experiences, and learn valuable computational thinking skills. Start your creative coding journey with Scratch and discover the endless possibilities!

