

3 Fun AI Activities for Middle School Children

Explore the exciting world of artificial intelligence with your middle schooler through these engaging, hands-on activities that make learning about AI fun and accessible!

1 Create AI Art

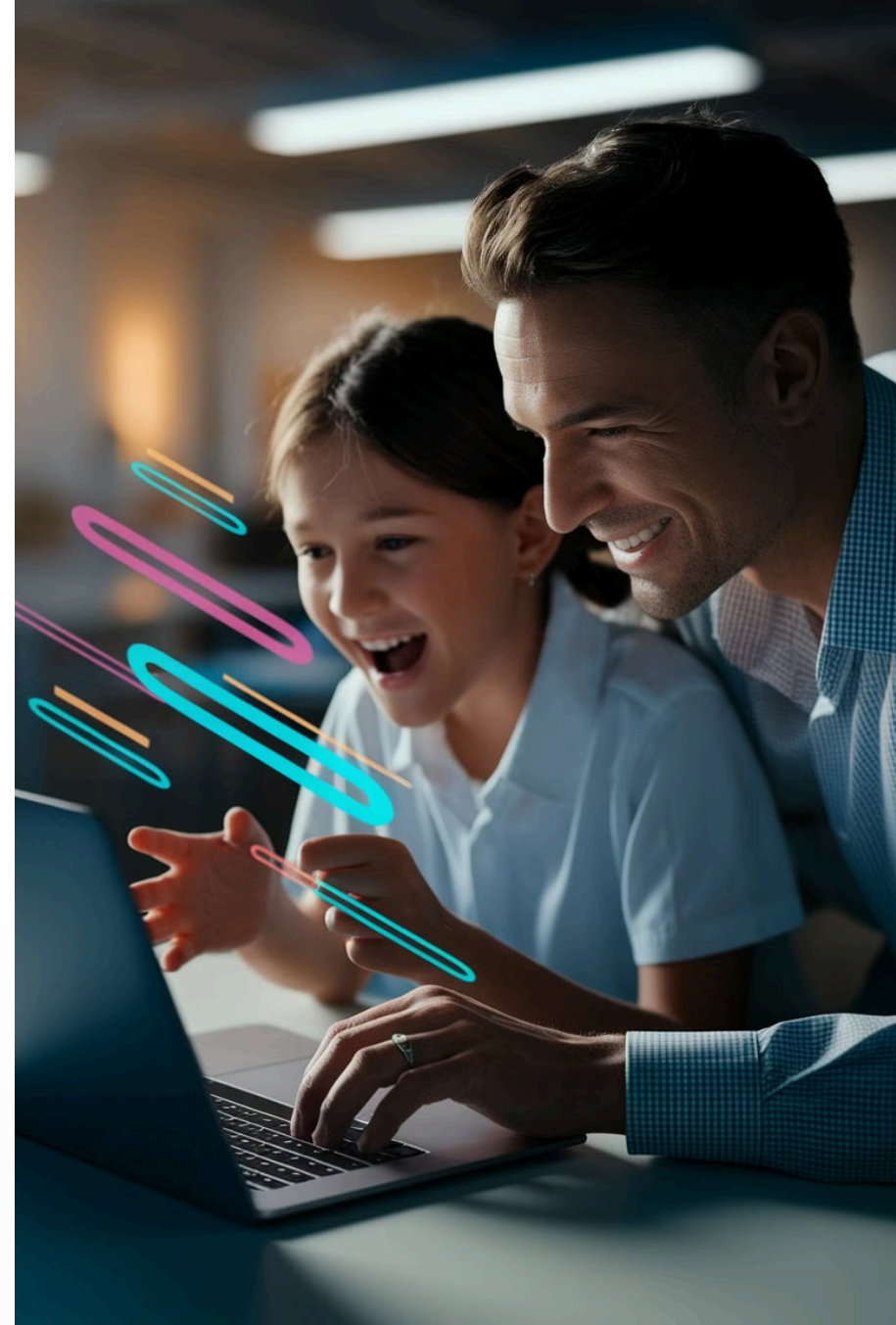
Generate amazing images from text descriptions

2 Train an AI

Teach a machine to recognize objects

3 Build AI Stories

Craft interactive tales with AI assistance



Create Stunning Art with DALL·E

Think of a Fun Prompt

Have your child describe something imaginative like "a cat astronaut on Mars" or "a rainbow-colored dragon flying over a castle".

Generate the Image

Enter the description into DALL·E and watch as AI transforms words into visual art.

Analyze and Modify

Discuss how the AI interpreted the words, then try changing details to see how it affects the image.

Create an AI Art Gallery

Print or save your favorite creations to showcase your child's AI-powered imagination!



Train Your Own AI with Teachable Machine

1

Choose a Category

Select something simple like hand gestures (thumbs up/down) or everyday objects (stuffed animals, fruits).

2

Train Your AI

Upload or take photos of each item in different positions and lighting to build your dataset.

3

Test Your Creation

Show new examples to your AI and see how accurately it recognizes them.

4

Improve Performance

Add more varied examples if your AI makes mistakes, then challenge it with tricky variations!



Create Interactive Stories with ChatGPT



Ready to Explore AI with Your Child?

Boost Creativity

These activities help children understand that while AI can generate ideas, humans bring the emotional depth and original thinking.

Learn AI Fundamentals

Discover how AI learns from patterns in data and why varied examples lead to better performance.

Build Tech Confidence

Give your child hands-on experience with cutting-edge technology they'll encounter throughout their education and future careers.

Bond Through Learning

Share the excitement of discovery while exploring these activities together as a family.