

Building Solutions with AI

Custom Tools for Real Problems

Vibe coding for teachers — no programming experience required

START SMALL. BUILD USEFUL.

**“I wish there were an app
that would just...”**

What's one tiny task you wish a tool could handle?

What is vibe coding?

Describe → Build → Test → Improve

You bring...

The problem, classroom knowledge, decisions.

AI brings...

Draft code and technical suggestions.

You remain responsible for checking what it does.

One process. Bigger possibilities.

01

Stopwatch

One simple classroom need

02

Layout planner

A more specialized tool

03

ClassSeats

An evolving application

They all started with a problem — not a line of code.

Six steps. One repeatable process.

01 IDENTIFY

What problem?

02 GUARDRAILS

What needs protection?

03 DESCRIBE

What should it do?

04 BUILD

Start small.

05 TEST & REFINE

What needs to change?

06 SHARE

How will it be used?

Guardrails before code.

Use pretend data

Prototype with fictional students, classes and scenarios.

Know the data flow

What is collected? Where is it stored, sent or displayed?

Check approval

Follow district policy before using real student information.

LIVE CHALLENGE

Field Day Cornhole Scorekeeper

A genuinely useful tool. A deliberately tiny first version.

TEAM BLUE

0

TEAM RED

0

BOARD +1 • HOLE +3

Build → Test → Refine

1 FIRST BUILD

Two teams. +1 and +3 buttons.

2 SMALL IMPROVEMENT

Add Undo and New Game.

3 ONLY IF TIME

Official rules: round-based scoring.

From AI to Google Sites

BUILD

Produce and test your tool

EMBED

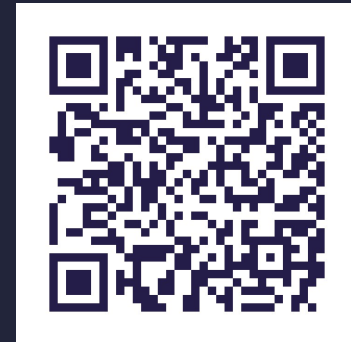
Copy the code into Google Sites

Your AI development partner

“I am a teacher with no programming experience...”

One starter prompt interviews you, checks privacy risks, agrees on a plan, and helps you build.

vibecoding.mrfish.app



What's one problem worth solving?

Small. Specific. Frustrating.

You don't need the solution yet.
Start by describing the problem.

**You don't have to become
a programmer.**

**You just need to recognize
problems worth solving.**

Questions • Resources • Starter prompt