

The AI Enabled Educator

*Helping teachers do more
with less.*

Patrick Glatz

PatGlatz.com



The Modern Teacher

Average Teacher hours /wk:

54

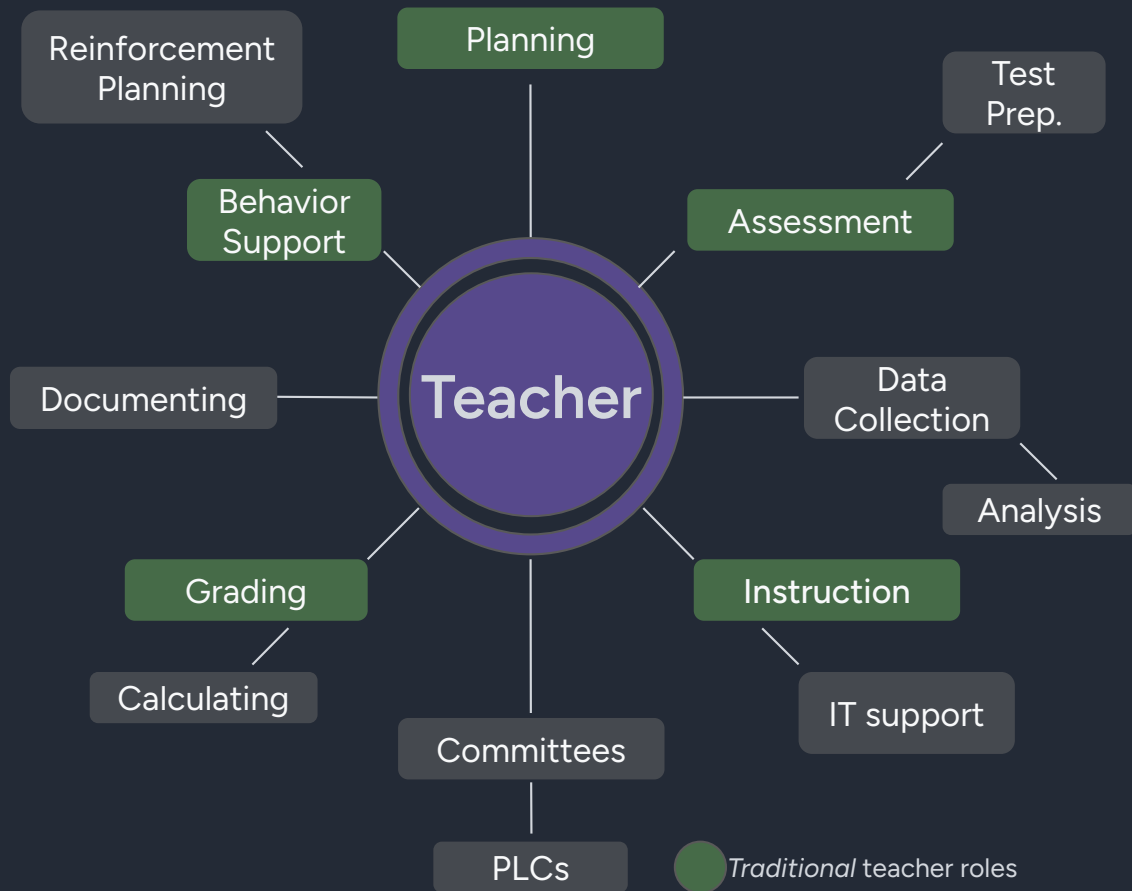
Student Facing hours / wk:

20-30

Non Student hours /wk:

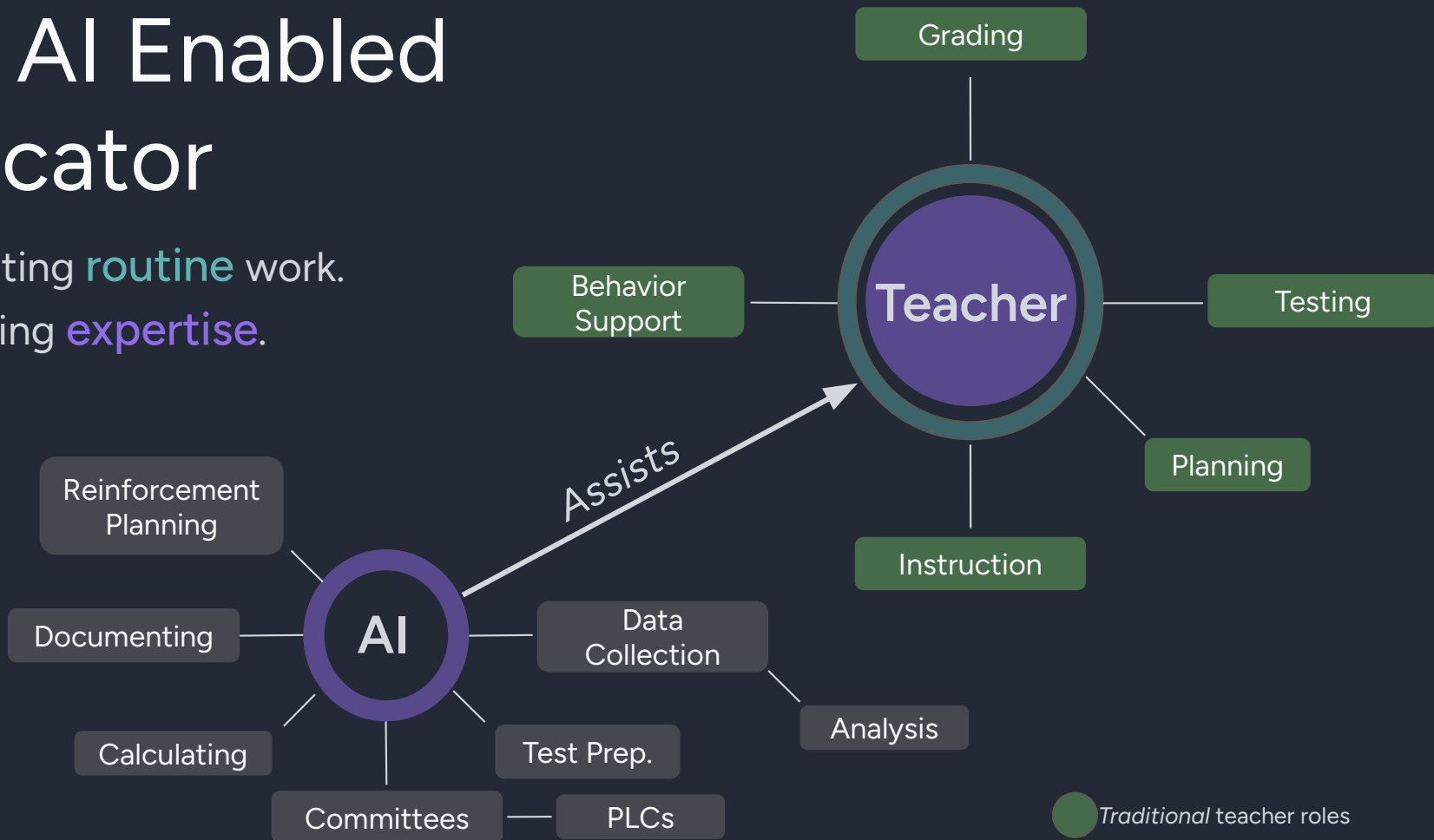
24+

Source: Education Week Teacher Workload Survey (2022)



The AI Enabled Educator

Automating **routine** work.
Amplifying **expertise**.



A Live Demo

The Problem:

Finding Independent Practice Resources

Common Methods:

Teachers-Pay-Teachers | Paid Service | Google Search

An Alternative:

Generation

As a 4th grade teacher, develop a worksheet of 15 division problems — two-digit numbers divided by one-digit numbers, all with whole-number quotients and no remainders for students age 9-11. Format using the long division bracket. Output as a PDF.

*What would
you do with
extra time?*

While we wait...

As a 4th grade teacher, develop a worksheet of 15 division problems — two-digit numbers divided by one-digit numbers, all with whole-number quotients and no remainders. Format using the long division bracket for student age 9-11. Output as a PDF.

This is called a PROMPT - Directions for the AI

Your prompt need to contain **EVERYTHING** you expect.

You won't get what you don't ask for.

What Worked?

Specific Directions

What | How | Rules | Results



Specific Results

*Clear directions get you
closer to your goals.*

The result

Division Practice
Divide each two-digit number. Write the answer on the line above the bracket.

Name: _____ Date: _____

1. $6 \overline{)30}$	2. $5 \overline{)20}$	3. $8 \overline{)16}$
4. $5 \overline{)25}$	5. $2 \overline{)10}$	6. $8 \overline{)40}$
7. $9 \overline{)54}$	8. $8 \overline{)56}$	9. $6 \overline{)24}$
10. _____	11. _____	12. _____

AI is fast. You are Responsible.

AI generates probable answers,
not guaranteed results.

Ambiguous Requests | Hallucinations | False Assumptions

*Correctness is not guaranteed;
accuracy must be checked.*



What can AI do?

Strengths

Routine Generation

- Edit and Refine
- Adapt Materials
- Brainstorm
- Draft Communication
- Create Resources

Struggles

Evaluate Implications

- Understand Students
- Goal Setting
- Build Relationships
- Reporting Authenticity

AI can create but cannot evaluate.

3 Things when using AI

Structured
Inputs get Good
Outputs

Strong prompts give the
AI the best chances for
accuracy.

Context is
Crucial

Context is background
information like
grade-level, student
ability, and expectations.

Accuracy Must
be Reviewed

AI can and will make
mistakes.

Structuring the Instructions

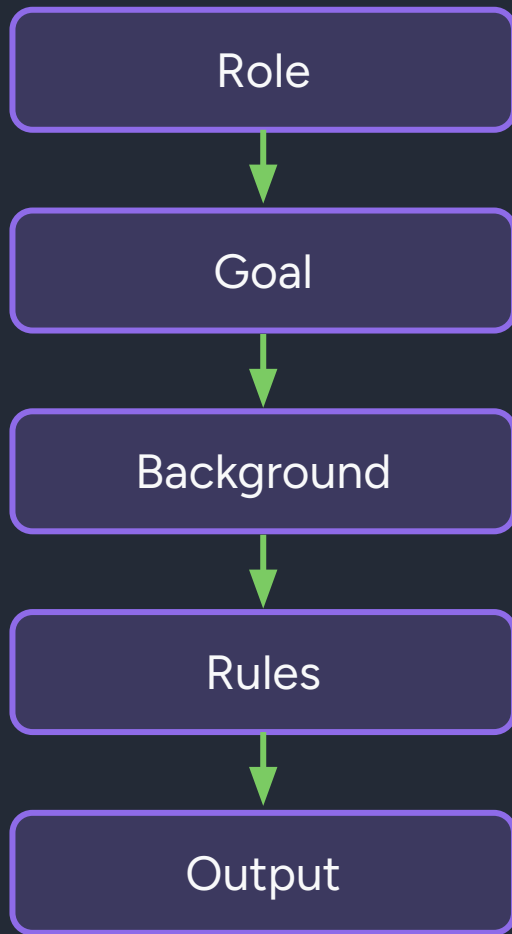
WORKFLOW

How a task is approached.

Structured workflows guide the AI towards your goal.

Structure reinforces results.

A Simple Workflow



A Granular Look ---

Role

The perspective for the task.

Goal

The solution you desire.

Background

Information needed before generation.

Rules

What AI can and cannot do.

Output

The way you want the task displayed.

[PDF](#)

[Word Document](#)

[Image](#)

Getting Ready

Which AI to Use?



ChatGPT

chatgpt.com



Gemini

gemini.google.com



Claude

claude.ai



magicschool.ai

Each Model (AI) has its strengths / weakness.

Every user has their own opinion.

Trial is the best way.

Starter Suggestions

Identify Vocabulary

Extract important vocabulary.

Create an infographic

Extract and Represent materials.

Create a Handout

Convert information into instructional materials.

Turn this into a cartoon

Convert image into an illustration

Rewrite for grade X

Adapt content for learners.

A Simple Workflow

Open AI model

Drop / Drag File
PDF | Document | Image

Enter Prompt

Review Output

Thank you!

Questions, comments, concerns, please
email me at:

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For more information, visit:

patglatz.com

This workshop is currently in the design and refinement stage and has not yet been formally delivered. Artifacts presented here document the design process, instructional decisions, and enablement framework.