

Teaching Joomla Development to the Next Generation

Chris Paschen



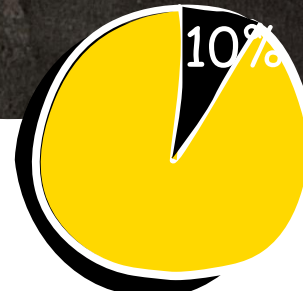
In this session ...



A potential career
path for youth



Build your business
& make more money



Increase Joomla
market-share

In this session ...

Process

Structure

Tools

That led to this ...

Of the solution ...

To implement ...

Background

Developing Joomla Sites

Focus:

- Develop Joomla Sites
- Manage Joomla Sites
- Creating Custom Components, plugins, and Modules

Issues:

- Have enough team members to do all the work
- Need Extra Coders

High School Students

Focus:

- Leading & Teaching High School Students
- Music & Tech

Issues:

- Lack of real-world training for web development
- ROI / Cost Concerns for college / university education

Background

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Joomla Net Twin Cities / Joomla

Focus:

- Joomla JUG
- Promote Joomla

Issues:

- Joomla market-share
- JUG Attendance

The problem/s

01

I need more
developers

02

Joomla needs
more
developers

03

Education system
not helpful for
Joomla
development



The NON-Solution

Udemy, Khan Academy, YouTube



Where to Start?



No 'community'



Presentation Only



Not 'real-world'



No motivation to finish



The Solution

In-person, high school, learning process ...



Directed Instruction



Goal Oriented



Direct Feedback



Career Focused

The Method

Directed Instruction

Personal to the students

Able to change and adapt

Direct Feedback

Direct & frequent review of work

Give Grades

Peer Review

Goal Oriented

Give Grades

Coding Challenges

Program End Goal

Share the goal

Career Focused

Focus on important skills

Real-world project examples

Include Guest Speakers

Job Shadow

Create internships

The Structure

Create a Plan

What skills would you require if you were hiring an entry-level Joomla developer?

01

Write down all the skills

02

Organize them into logical groupings

03

Determine time for each topic

04

Determine number of sessions

05

Try to organize into multiples of 10 or 14 sessions

The Structure

My Plan

Each Course

- 14-week course plan
- Formal Syllabus
- Structured weekly plan

"Build Your Own Website"

Basic Web/Joomla Skills

"Introduction to Real-World Programming"

Basic Programming Skills (Python)

"Programming for the Internet"

HTML/CSS, Joomla Custom Module

Internship

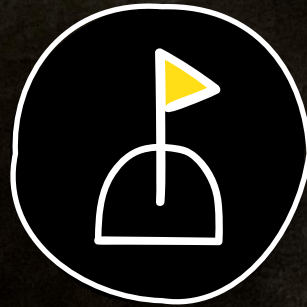
Real-World Joomla Experience

The Structure

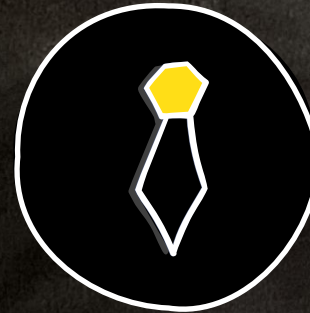
Find a Place



Home School Groups



Public School
'Enrichment' Programs

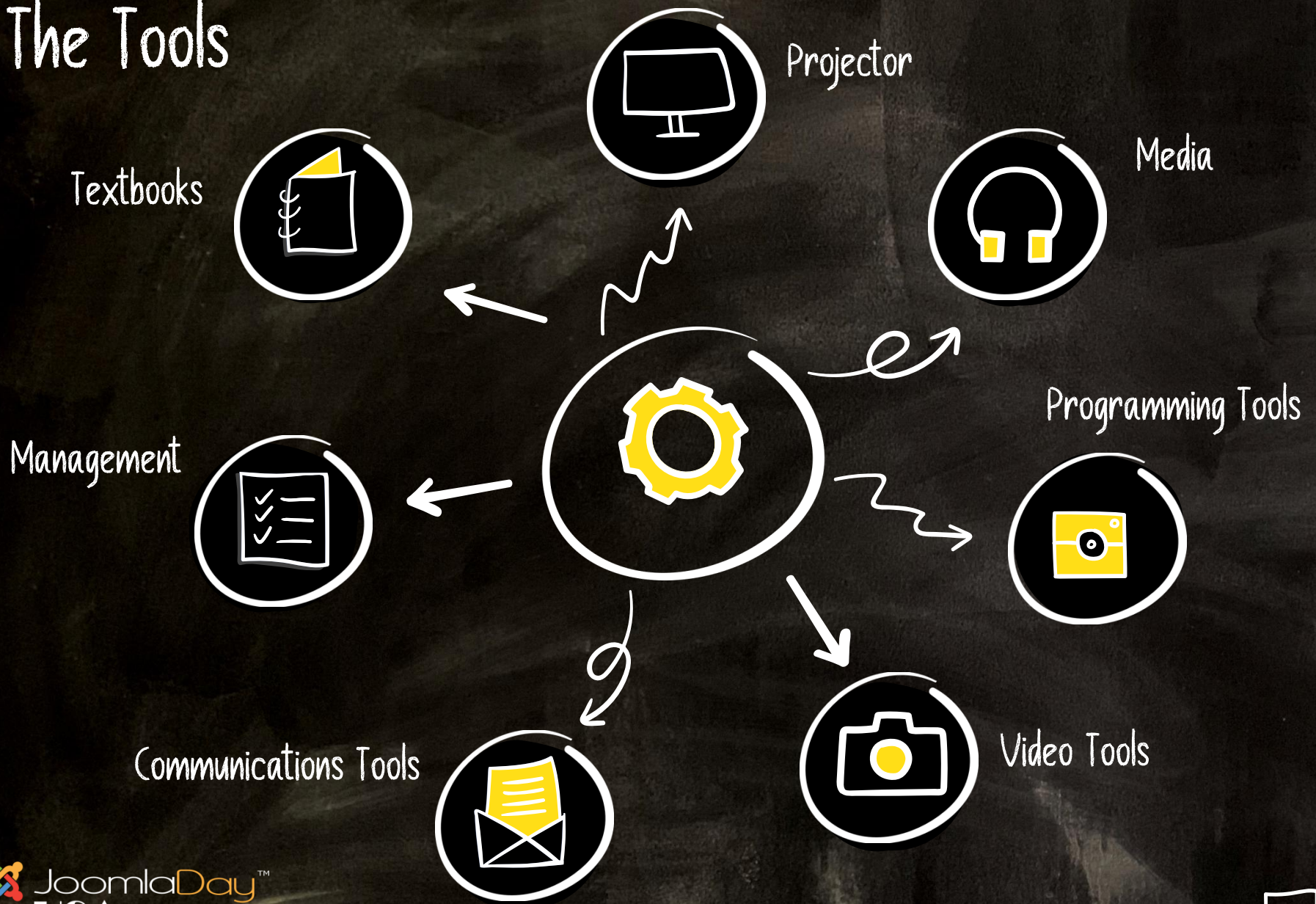


Private Schools



College / University
(Community College)

The Tools





The Caution

Not everyone will go through to the end



Some students will drop out

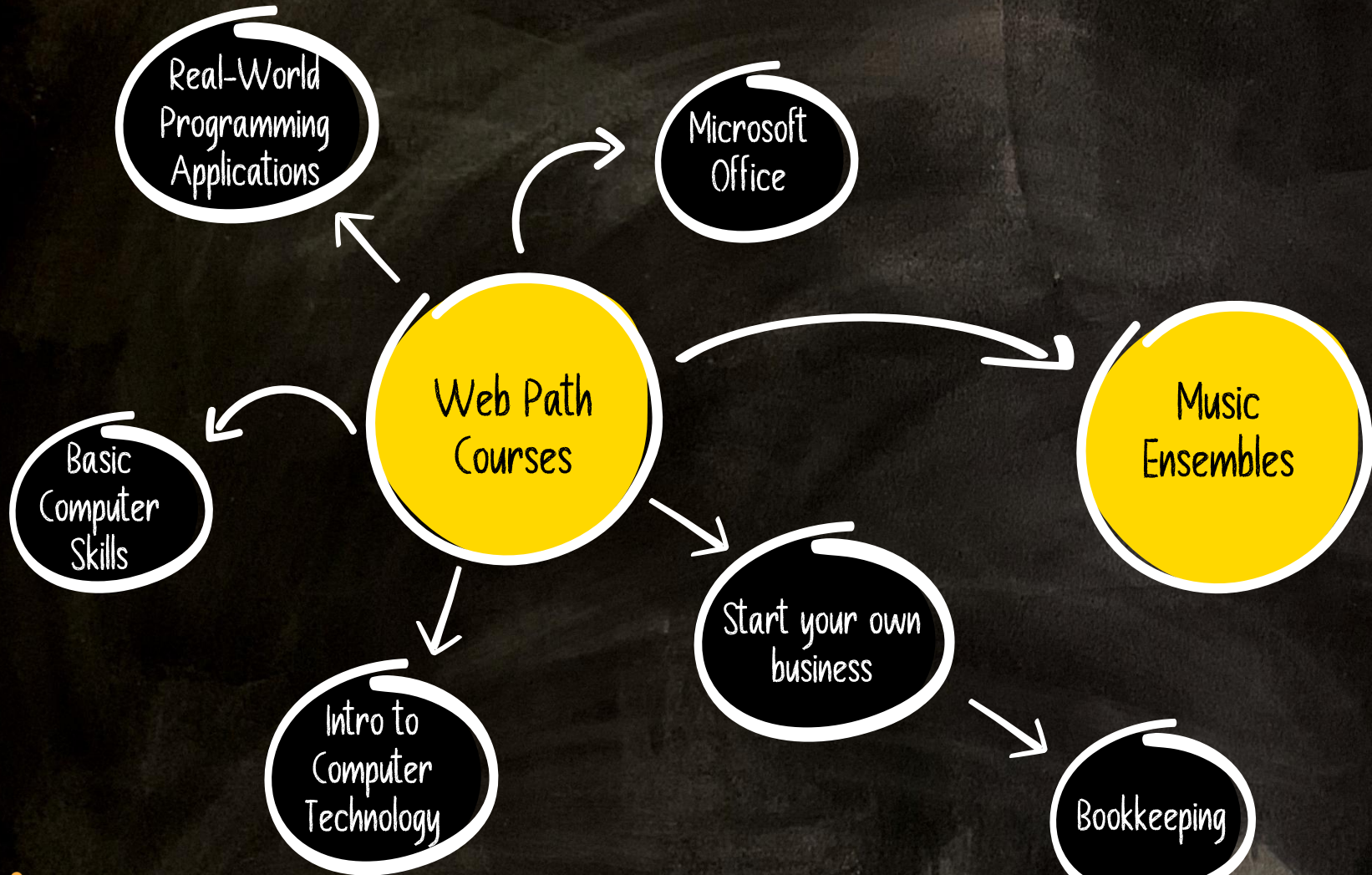


Even those that leave should have learned



Make sure your teaching is good quality & improve

Additional Options



Resource Page



<https://PaschenCommunications.com/jday22>

QUESTIONS

