

# KIDS AND CODE: THE FACTS AND THE FUTURE

**Sandy Edwards**  
**@SunsandDesign**  
**#WCUS**

# Hi, I am Sandy Edwards

## Agency Owner & Entrepreneur



**DATA DRIVEN**  
**LABS**

- \* Website Developer 4 years
- \* Project Manager 7 years
- \* WordPress User 7 years
- \* Mom 11 years
- \* Homeschool Mom 3 years

**Twitter: @SunsandDesign**

# The Why?

- \* Math Skills
- \* Writing Skills
- \* Creativity
- \* Confidence
- \* Focus



- \* Organization
- \* Resilience
- \* Communication
- \* Life Skills
- \* Career Preparation



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# Did You Know?

- \* Kids Brains Are More Elastic
- \* Kids Brains Function Faster
- \* This Means They Learn Faster



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# WordPress and Coding in Education

- \* English
- \* History
- \* Science
- \* Math
- \* Creativity
- \* Art/Creative Writing
- \* Digital Citizenship



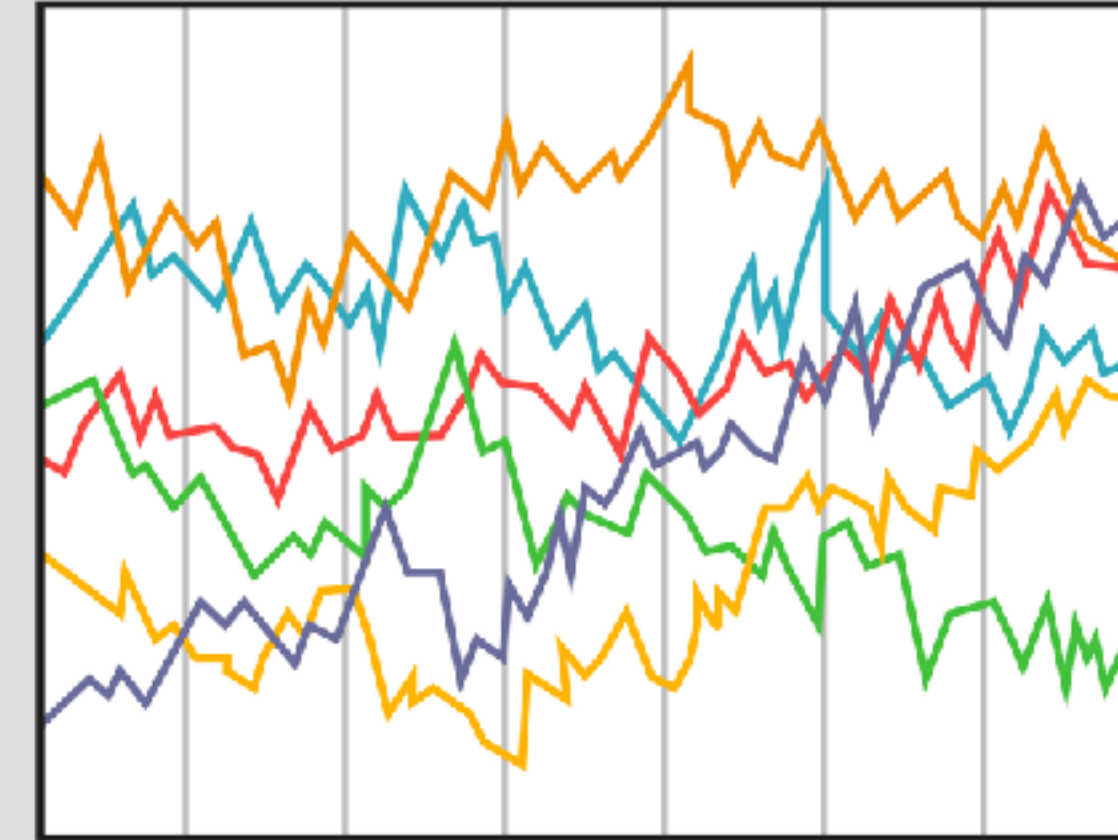
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# Some Statistics

- \* 1 in 3 Youth Are Cyber Bullied ([NoBullying.com](http://NoBullying.com))
- \* 1 in 6 Parents are Aware of CB
- \* 92% of Teens Use Technology (Pew)
- \* Most Teens Give In to Peer Pressure
- \* Positive Peer Pressure Exists



# Kids and WordPress

- \* Building Better Kids
- \* Building Better Job Skills
- \* Building Better Writers
- \* Giving More Opportunities
- \* Focus on Positivity
- \* Find Your Voice



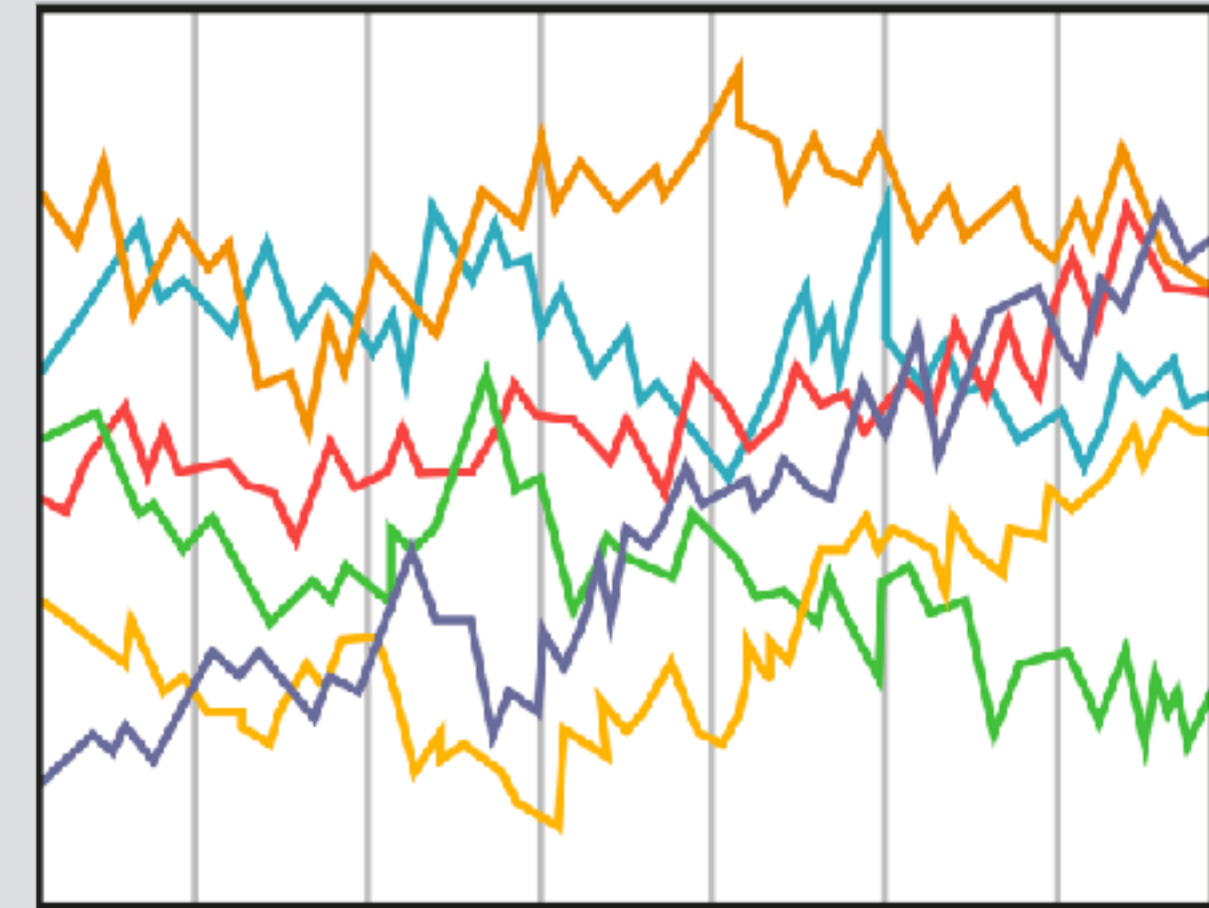
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# Some Statistics

- \* 40% of Schools Teach Technology
- \* 71% of New Jobs are Technology Related
- \* Technology Jobs Earn 40% more than Other Jobs
- \* 500,000 Jobs Currently Open in Technology
- \* 7 States have K-12 Technology Standards (FL)
- \* 34 States allow Technology to count toward Math
- \* 2016 only 43k Jobs were filled by HS Grads





# **WORDCAMP'S KIDCAMP**

**Orlando and Miami**

# What is a Blog?

- \* Stories
- \* Essays
- \* Poems
- \* Ideas
- \* Thoughts
- \* Feelings
- \* And So Much More...



# Biggest Things To Remember

**Never** put your personal information online.

Full Name, Address, City, School, Sports Teams,  
etc

**Never** take another persons content... this is a type of  
stealing called plagiarism.



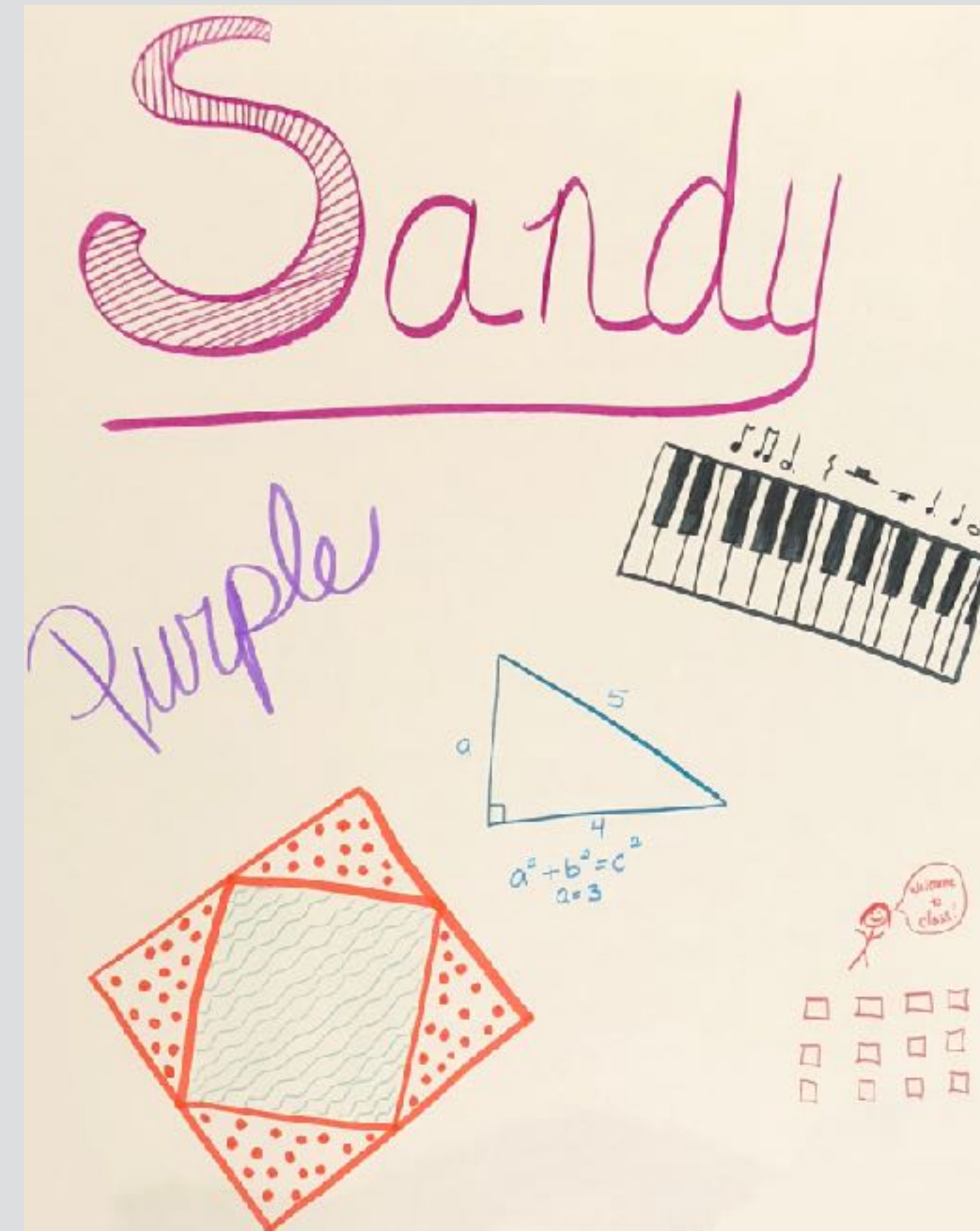
# Biggest Things To Remember

- \* Your voice matters!
- \* You have something to say!
- \* Writing is healthy!
- \* Your parents opinion matters!



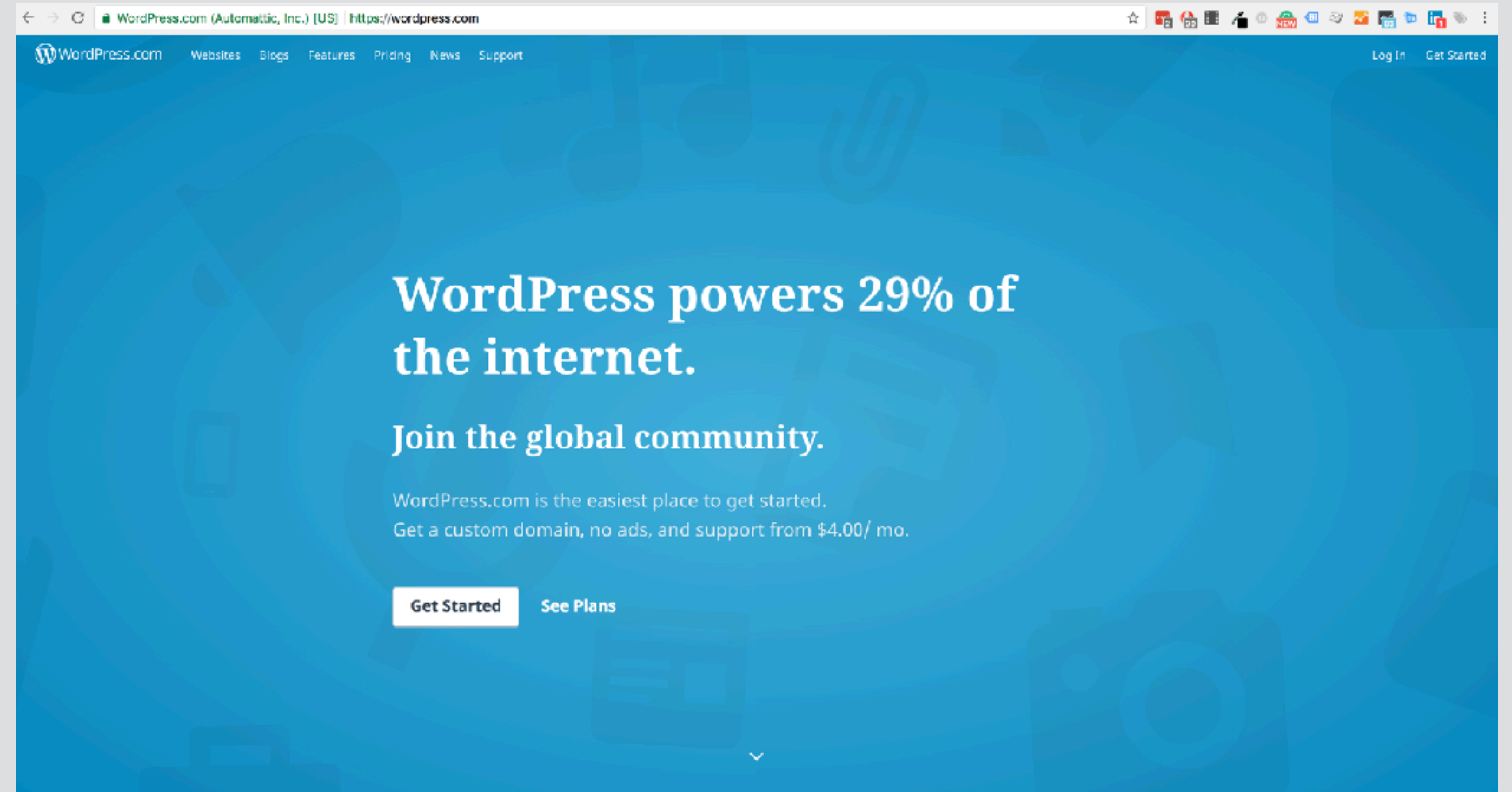
# What Matters to Me?

- \* What is your favorite color?
- \* What do you like to do?
- \* What is your favorite subject?
- \* Do you play sports?
- \* Do you have a hobby?
- \* What is your favorite animal?



# Building a WordPress.com Blog

1. Pick a topic.
2. Pick a layout.
3. Pick a theme.
4. Pick a domain.
5. Pick a Plan (we choose free)
6. Create an account.
7. Create posts!



# BEYOND CONTENT

A network of red lines and dots on a dark red background. The lines connect various points, creating a complex, interconnected web that resembles a data network or a molecular structure. The dots are small and serve as nodes in the network. The overall aesthetic is modern and technological.

# Classes

- \* [codecademy.com](https://codecademy.com) - FREE
- \* [tynker.com](https://tynker.com) - Recommended for 7-14
- \* [codecombat.com](https://codecombat.com) - For all Ages
- \* [code.org](https://code.org) - FREE
- \* Sylvan Learning - On Site Classes
- \* [khanacademy.com](https://khanacademy.com) - FREE
- \* [pluralsight.com/kids](https://pluralsight.com/kids) - Freemium
- \* [techrocket.com/code](https://techrocket.com/code) - Freemium





# Games and Toys

- \* Play Osmo - Ages 5-12
- \* Kano - All Ages
- \* Lego Mindstorms - 10+

# Mobile Apps

- \* Cargo Bot - iOS
- \* ScriptKit - iOS
- \* Lightbot - Android
- \* Run Marco - Android



# ANY QUESTIONS?

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**Slides & Resources:**  
**<https://datadrivenlabs.io/wcus17>**