



LIVE WEBINAR



# Laying the Foundation for MadCap Flare Implementation



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## **PRESENTED BY:**

Chad Kreiger, Publications Specialist  
Vernier Software & Technology



## BEFORE WE GET STARTED...



The webinar will be recorded  
and emailed to all registrants



Use the Question Panel in  
GoToWebinar to ask questions  
throughout the webinar

# WHO AM I?

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- Chad Kreiger, Publications Specialist, Vernier Software & Technology
- Flare user since 2012 (version 8)
- Lab books, experiment files, user manuals, etc.

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Email: [ck@vernier.com](mailto:ck@vernier.com)

# WHO IS VERNIER SOFTWARE & TECHNOLOGY?

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- Founded in 1981
- Science education company
- Data-collection sensors and software
- Lab books, experiment instructions, workshop handouts
- User manuals, technical information library, etc.
- Flare pre-implementation began 2013

# DEFINING OUR PRIMARY OBJECTIVE

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- Utilize cutting-edge content management system technologies to modernize outputs
- Streamline processes on the back end in a way that is seamless to the customer on the front end

# PILLARS OF CHANGE

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- Cultural Changes
- Assets Inventory
- Systems Analysis
- Flare Project Structure and Settings

# CULTURAL CHANGES

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- Deciding to move to single source system
- Choosing a single source system
- Standardizing page design and styles—Word to Flare
- Writing topics with one voice
- Publishing in an agile environment

# ASSETS INVENTORY

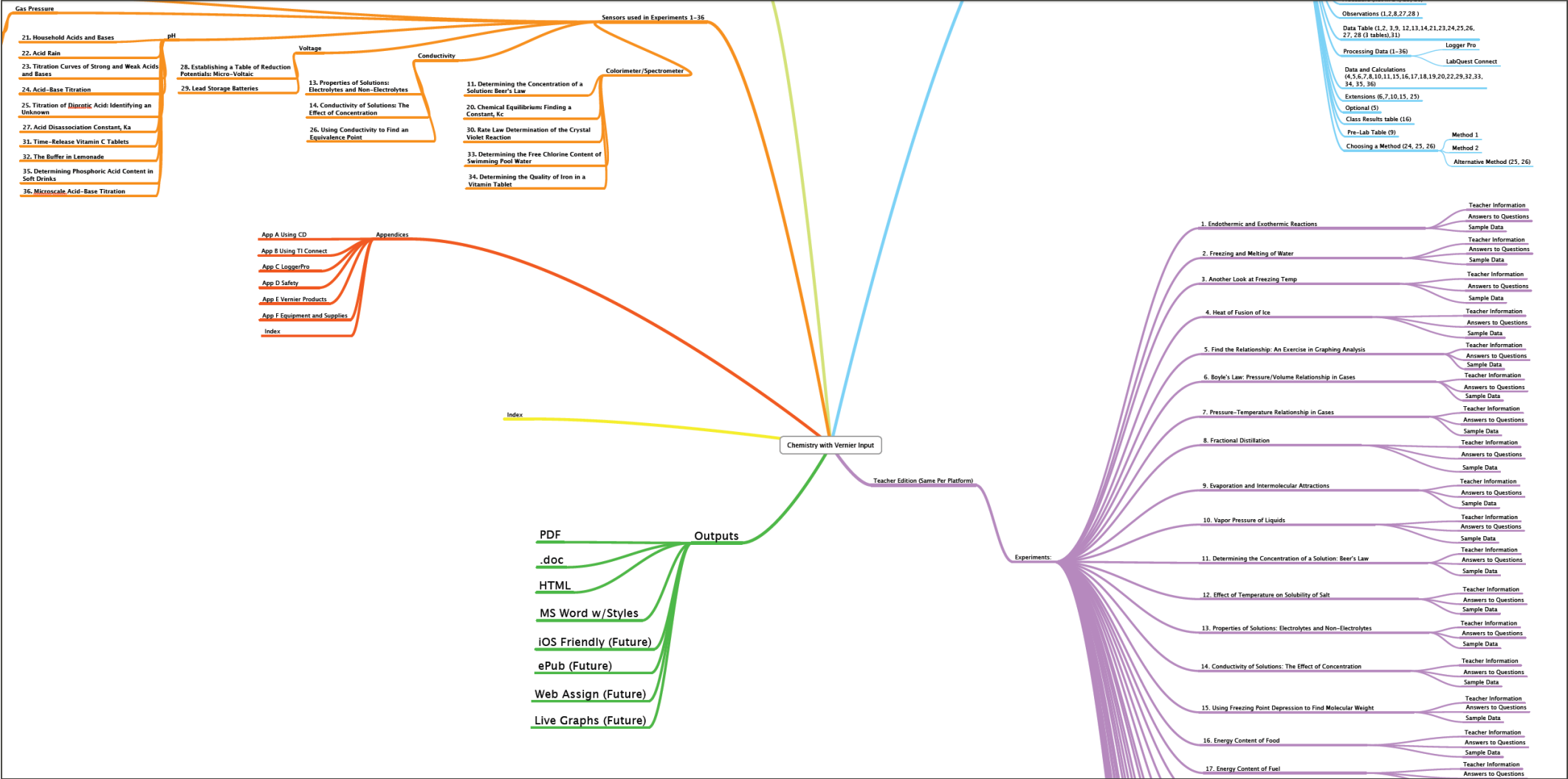
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- What types of documents did we have?
- What similarities did they have?
- How did we want to manage barcodes, graphics, and logos?

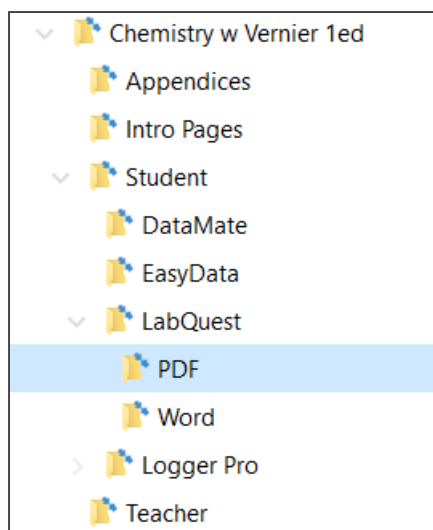


## CONTENT MAP – LAB BOOKS

# CONTENT MAP – CHEMISTRY LAB BOOK



# COMPLETED CHEMISTRY LAB BOOK



CWV-01-LQ-endo_exothermic.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	203 KB
CWV-02-LQ-freeze_melt_water.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	200 KB
CWV-03-LQ-another_look_freezing.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	204 KB
CWV-04-LQ-heat_of_fusion.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	198 KB
CWV-05-LQ-find_the_relationship.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	172 KB
CWV-06-LQ-boyles_law.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	245 KB
CWV-07-LQ-pressure_temperature.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	284 KB
CWV-08-LQ-fractional_distillation.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	160 KB
CWV-09-LQ-evaporation_of_alcohols.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	176 KB
CWV-10-LQ-vapor_pressure.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	320 KB
CWV-11-LQ-beers-law.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	84 KB
CWV-12-LQ-temp_and_solubility.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	209 KB
CWV-13-LQ-electrolytes.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	215 KB
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CWV-24-LQ-acid_base_titration.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	377 KB
CWV-25-LQ-titration_diprotic_acid.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	401 KB
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CWV-30-LQ-rate_crystal_violet.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	56 KB
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CWV-32-LQ-buffer_lemonade.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	249 KB
CWV-33-LQ-free_chlorine.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	83 KB
CWV-34-LQ-iron_in_vitamins.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	83 KB
CWV-35-LQ-phosphoric_acid.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	238 KB
CWV-36-LQ-microscale_titration.pdf	12/22/2016 4:51 PM	Adobe Acrobat D...	200 KB

# SYSTEMS ANALYSIS

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- macOS virtual machine options for Windows
- Project location and source control
- Options for technical support
- Chemical formulas and mathematical equations in Flare
- Develop test plans for changes

# INITIAL IMPLEMENTATION STEPS

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- What are our clients' needs?
- How do we prepare our content for import into Flare?
- How do we organize our assets within Flare?
- How do we seamlessly transition our content to Flare?

# COMPLETED LAB BOOK – IN FLARE

Book Cover Front

CWV Cover  
CWV Authors and Safety  
CWV Contents  
CWV Equipment Chart  
CWV Preface  
01 Endo and Exothermic - student  
01 Endo and Exothermic Inst  
02 Freeze Melt Water - student  
02 Freeze Melt Water Inst  
03 Another Look Freezing - student  
03 Another Look Freezing Inst  
04 Heat of Fusion - student  
04 Heat of Fusion Inst  
05 Find the Relationship - student  
05 Find the Relationship Inst  
06 Boyles Law - student  
06 Boyles Law Inst  
07 Pressure Temperature - student  
07 Pressure Temperature Inst  
08 Fractional Distillation - student  
08 Fractional Distillation Inst  
09 Evaporation of Alcohols - student  
09 Evaporation of Alcohols Inst  
10 Vapor Pressure - student  
10 Vapor Pressure Inst  
11 Beer's Law - student  
11 Beer's Law Inst  
12 Temp and Solubility- student  
12 Temp and Solubility Inst  
13 Electrolytes - student  
13 Electrolytes Inst  
14 Conductivity Solutions - student  
14 Conductivity Solutions Inst  
15 Freezing Pt Depression - student  
15 Freezing Pt Depression Inst  
16 Energy of Foods - student  
16 Energy of Foods Inst  
17 Energy of Fuels - student  
17 Energy of Fuels Inst  
18 Hess's Law - student  
18 Hess's Law Inst  
19 Heat of Combustion Mg - student  
19 Heat of Combustion Mg Inst  
20 Equilibrium Constant - student  
20 Equilibrium Constant Inst

21 Household Acids - student  
21 Household Acids Inst  
22 Acid Rain - student  
22 Acid Rain Inst  
23 Titration Curves - student  
23 Titration Curves Inst  
24 Acid Base Titration - student  
24 Acid Base Titration Inst  
25 Titration Diprotic Acid - student  
25 Titration Diprotic Acid Inst  
26 Conductivity Eq Point - student  
26 Conductivity Eq Point Inst  
27 Acid Dissociation K - student  
27 Acid Dissociation K Inst  
28 Micro Voltaic Cells - student  
28 Micro Voltaic Cells Inst  
29 Lead Batteries - student  
29 Lead Batteries Inst  
30 Rate Crystal Violet - student  
30 Rate Crystal Violet Inst  
31 Vitamin C - student  
31 Vitamin C Inst  
32 Buffer Lemonade - student  
32 Buffer Lemonade Inst  
33 Free Chlorine - student  
33 Free Chlorine Inst  
34 Iron in Vitamins - student  
34 Iron in Vitamins Inst  
35 Phosphoric Acid - student  
35 Phosphoric Acid Inst  
36 Microscale Titration - student  
36 Microscale Titration Inst  
CWV Appendix A  
CWV Appendix B  
CWV Appendix C  
CWV Appendix D  
CWV Index

▼ CWV

▼ \_Intro and Appendices

CWV Appedices  
CWV Intro Pages

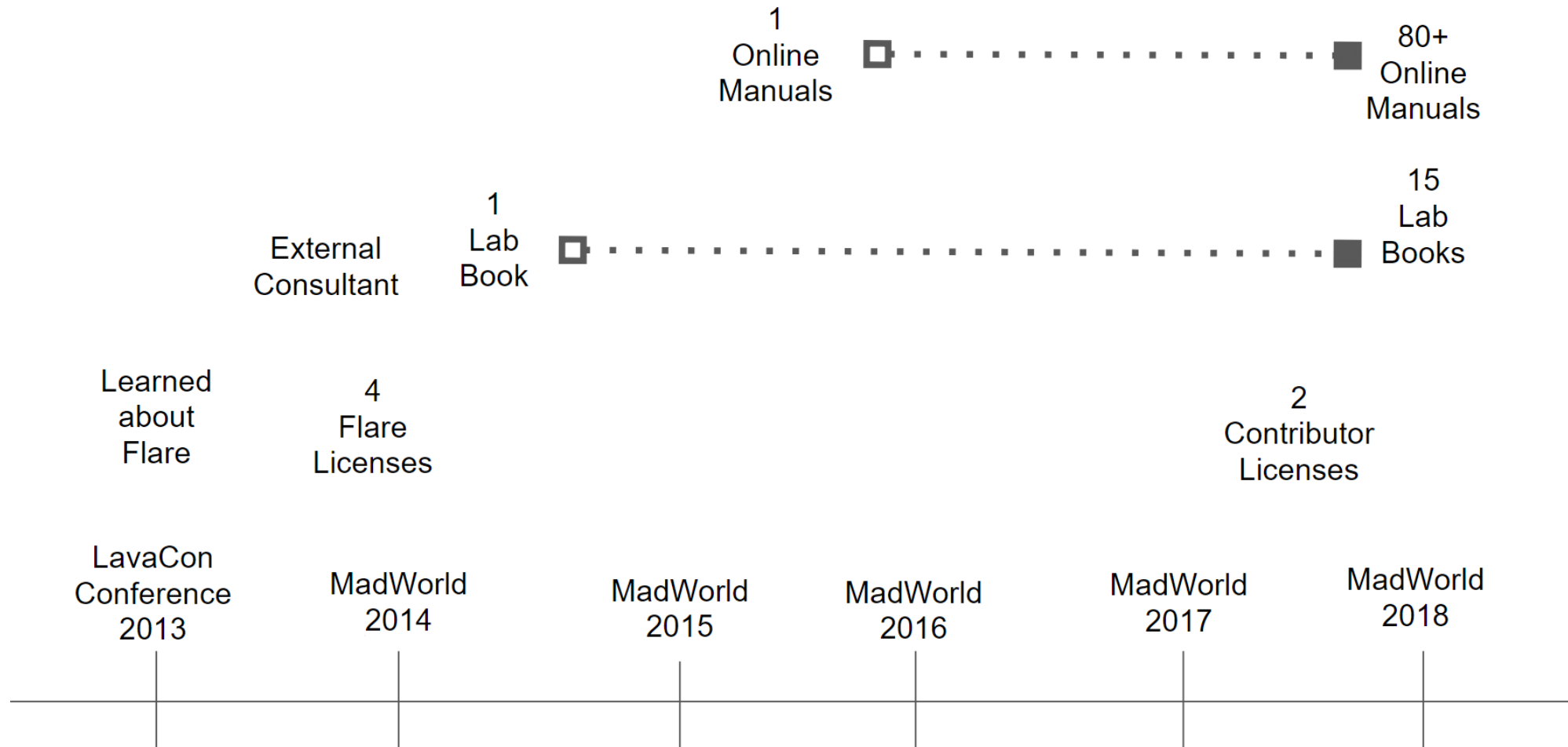
▼ Instructor

CWV PDF\_INST  
CWV Word\_INST

▼ Student

CWV PDF\_GA\_Go\_Direct  
CWV PDF\_GA\_Standard  
CWV PDF\_LP  
CWV PDF\_LQ  
CWV PDF\_SpecApp\_Go\_Direct  
CWV PDF\_SpecApp\_Standard  
CWV Word\_GA\_Go\_Direct  
CWV Word\_GA\_Standard  
CWV Word\_LP  
CWV Word\_LQ  
CWV Word\_SpecApp\_Go\_Direct  
CWV Word\_SpecApp\_Standard  
CWV Book (for printer)  
CWV Book\_with\_Cover  
CWV HTML\_LQ  
CWV\_Electronic\_Resources

# FLARE IMPLEMENTATION TIMELINE AT A GLANCE



# KEY MILESTONES AND COST-SAVING DECISIONS

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- Creating our first lab book in Flare
- Streamlining our Word import process into Flare
- Implementing online user manuals
- Transitioning source control systems
- Utilizing Contributor with subject matter experts



# TAKEAWAYS

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- Develop a roadmap before you begin your project
- Prepare your existing content for Flare implementation
- Maintain logs for issues and decisions made
- Allow your project to evolve as it matures

## Contact:

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