



# SCS JOURNEY: DIGITAL LEARNING

# DIGITAL LEARNING ENVIRONMENT IN SCS

**Our journey began with a vision:**

**"If students in third world countries can be given laptops, then why can't we do the same for our students?"**

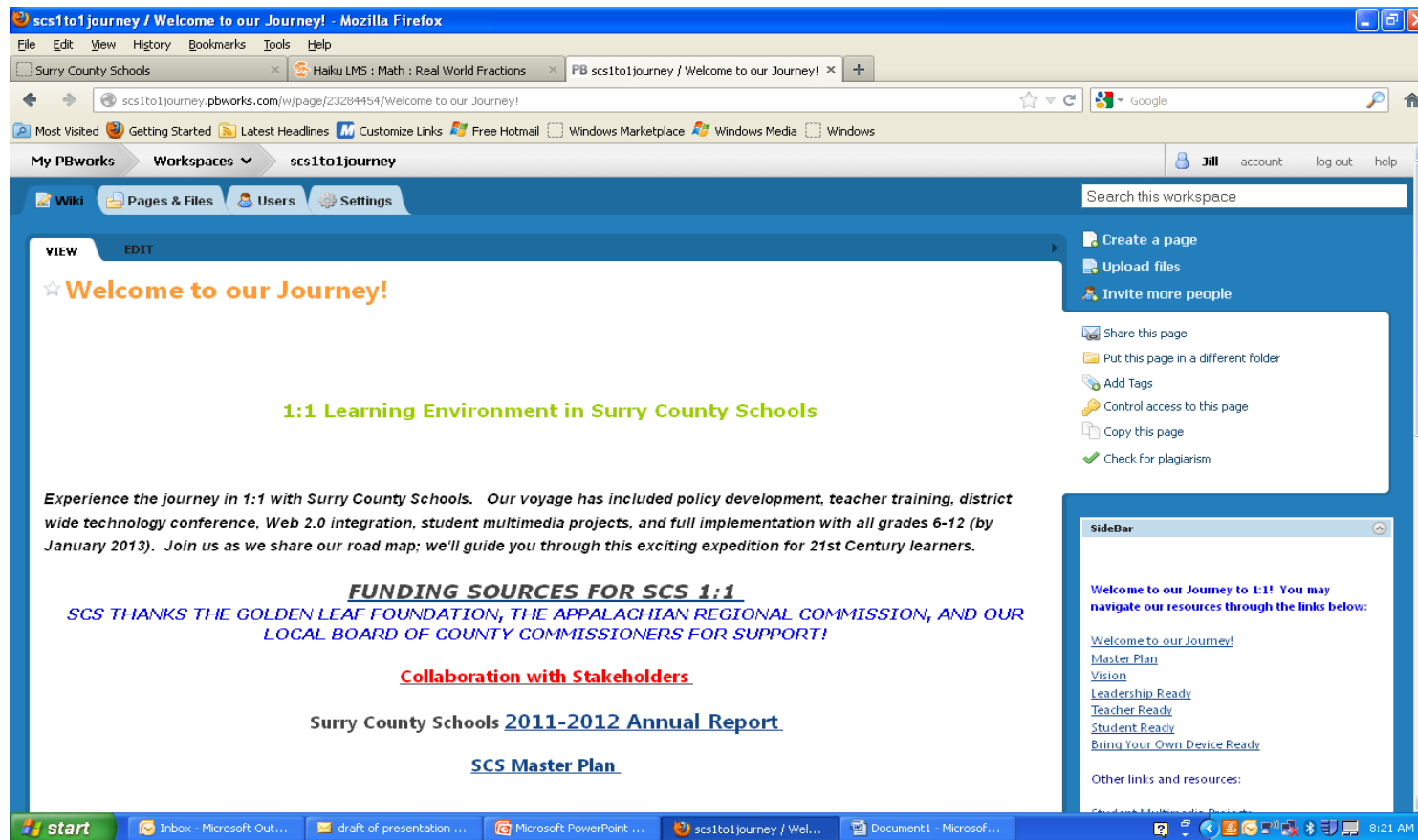


## CLASSROOM ENVIRONMENTS

- All students in grades 6-12 have a laptop
  - ubiquitous access for students in grades 7-12
  - school access for grade 6
- Over 80% of all classrooms in our district have Smartboards or interactive tablets
- All teachers, Pre-K-12 have district-issued laptops
- Learning Management System for all users Pre-K-12 (content delivery and access to dropbox, gradebook, assessment features, parent access)



# THE SCS JOURNEY: [SCS1TO1JOURNEY.PBWORKS.COM](http://SCS1TO1JOURNEY.PBWORKS.COM)



# HAIKU – LEARNING MANAGEMENT SYSTEM

The screenshot displays the Haiku LMS interface within a Mozilla Firefox browser window. The browser's address bar shows the URL: [https://surry.haikulearning.com/guyb/math1213/cms\\_page/view/3403666](https://surry.haikulearning.com/guyb/math1213/cms_page/view/3403666). The page title is "Haiku LMS : Math : Real World Fractions".

The interface features a navigation menu on the left with categories like "Teacher Resources", "Welcome", "The Number System", "Integers", "Comparing and Graphing Rational Numbers", "Coordinate Graphing", "Divisibility", "Division", "Decimals", "Fractions", "Prime Numbers", "Factorization", "Greatest Common Factor (GCF)", "Least Common Multiple (LCM)", and "Factorization Review".

The main content area is titled "Real World Fractions" and includes a "Learning Target" section with a target icon and the text: "I can solve word problems involving division of fractions." Below this is a "Mathstarter" section featuring a video player with a play button. To the right of the main content are several sidebars: "Essential Question" (EQ: Why is it important to compute with rational numbers?), "Vocabulary" (numerator, denominator, quotient, reciprocal), and "Flow Map" (Dividing Fractions: Same, Change, Flip).

The bottom of the screen shows the Windows taskbar with the Start button, several open applications (Inbox - Microsoft Out..., draft of presentation..., Microsoft PowerPoint..., Haiku LMS : Math : R...), and the system clock indicating 8:16 AM.

## STUDENT EXPERIENCE

- Computer access in the home, but laptop is only device exclusively for him
- Change in school learning environment
- Extension of classroom to home
- Opportunity for all students to participate



## PROFESSIONAL DEVELOPMENT

- **Professional development based on teacher readiness level (initially)**
- **Summer Teaching and Learning Conference (continued progress)**
- **Building-level capacity: trainers and support coaches (continued progress)**
- **Ongoing process – building capacity within the district**



# PROGRESS

- Policy Revisions
- Access to New Instructional Materials for Implementation of Common Core & Essential Standards
- Social Media Implementation
- Bring Your Own Device
  - Adults
  - Students





# OBSTACLES

- Infrastructure
  - Supported by Erate funding
- Funding
  - Technical Support
  - Teacher Training – professional development positions are not funded
  - Transition to digital textbooks
  - Lack of flexibility in state funding
  - Technical salary schedule versus classified salary schedule
  - Process for the instructional delivery of curriculum through an online format by local LEAs



# NEEDS?

- Digital Textbook Access
- Support for the process
  - Teacher training positions
  - Technical support positions
- Additional Internet access for rural areas

