



Empowering Students With Data

Tammy Tuck and Jennie Niles
January 19, 2011

Agenda

1. Welcome
2. Introductions
3. Reading: *The 3x5 Learning Revolution*
4. Our Vision to Empower Students
5. The Context
6. Our Philosophy: Transparency
7. What this can mean for students....
8. Our Platform: SchoolForce
9. Feedback & Next Steps

Reading: *The 3x5 Learning Revolution*
by Tom Vander Ark

- A. Find a partner
- B. Identify roles: P1 and P2
- C. Read article (3 min)
- D. P1 shares passage & reflects (2 min)
- E. P2 responds to same passage (1 min)
- F. Exchange roles
- G. Share insights with whole group (3 min)

Our Vision to Empower Students

The screenshot shows a web browser window displaying a student portal for Chandra Gomez. The browser tabs include Gmail, Student Portal, Google Calendar, and edReformer. The address bar shows dev.nimblefire.com. The page header features the E.L. Haynes logo, a digital clock showing 02:44 PM on Tuesday, January 18, 2011, and the student's name and grade: Chandra Gomez, P.S. 180 • 9th Grade. A navigation bar contains icons for Home, My Assignments, My Progress, My Calendar, and My Projects. The main content area is divided into several sections: My Alerts, My Scorecard, Today's List, and Who's Online. My Alerts contains four messages from Mrs. Clark, Soccer, Mrs. Clark, and Selena. My Scorecard shows progress for Student Engagement (84%), Academic Progress (62%), and Academic Challenge (86%). Today's List includes homework due for English, Earth Science, World Studies, and Band, as well as activities like Band Rehearsal and Soccer Practice. Who's Online shows 7 users.

MY ALERTS

- From: **Mrs. Clark:** [Congratulations Chandra!](#) You've been chosen for an award of excellence from your peers.
- From: **Soccer:** Practice Today (Tuesday, January 18) is now at **4:30pm** on the lower field.
- From: **Mrs. Clark:** Assignment '[Biomes Report](#)' is overdue. Assignment was due on 10/08/10. All past due assignments must be turned in immediately.
- From: **Selena:** Chandra--my part of the [World Studies Research Project](#) is done! Go and put in your notes so that Kyle can add the drawings--THX!

MY SCORECARD

Metric	Status	Goal	Progress
Student Engagement Student is actively and productively engaged	ABOVE GOAL	75%	84%
Academic Progress Student is making appropriate progress	ON TRACK	83%	62%
Academic Challenge	AT GOAL	86%	

TODAY'S LIST (18)

My Homework Due

- English
- Earth Science
 - Biomes Project (OVERDUE)
- World Studies
- Band

My Activities

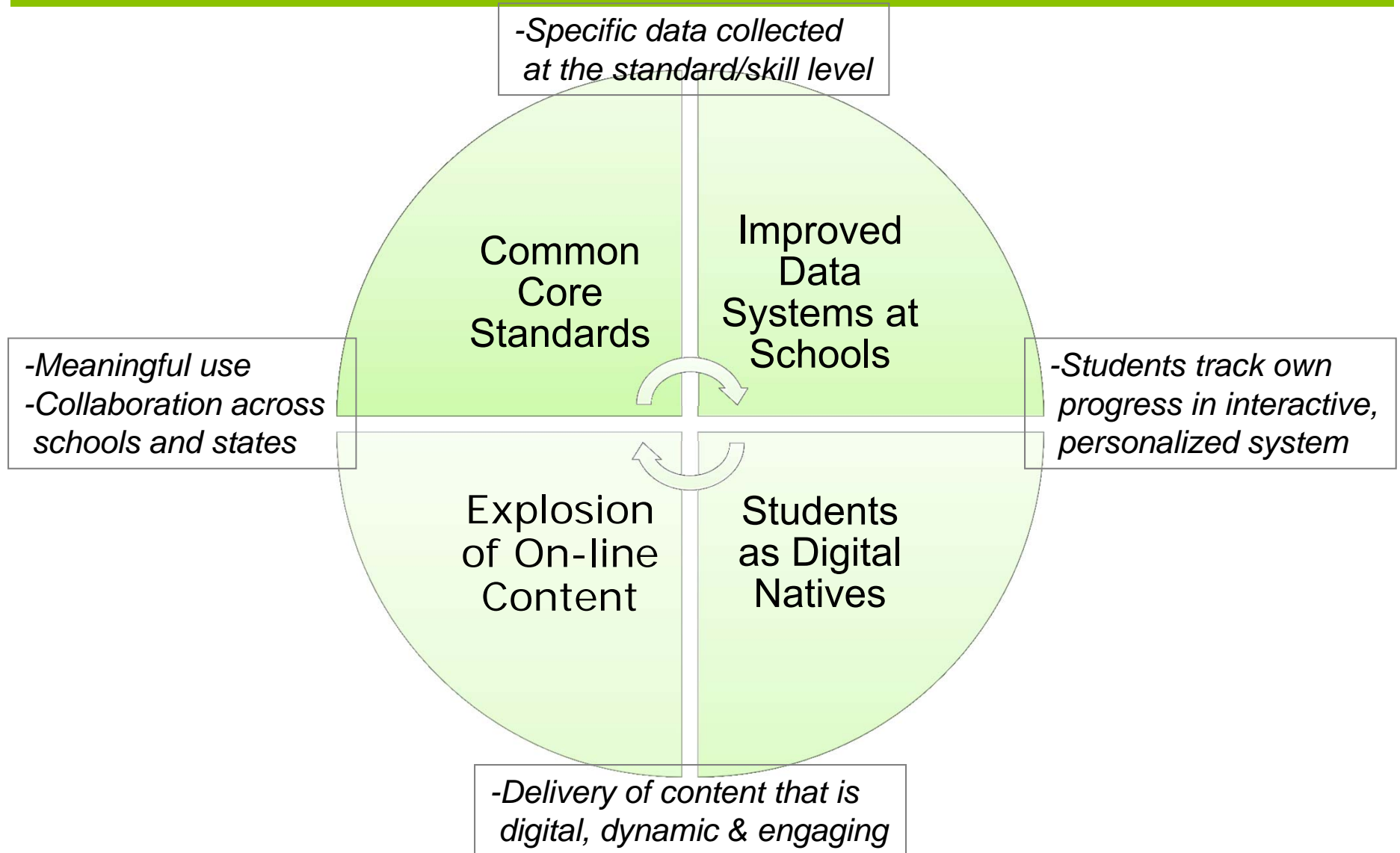
- Band Rehearsal - 3:30pm
- Soccer Practice - 4:30pm
- Theatre Club - 5:30pm

School Activities

- Assembly - 2nd Period
- Chocolate Bar Fundraising kick-off

WHO'S ONLINE (7)

Our Context: RTTT Meets the Technology Revolution



Our Philosophy: Transparency

These kinds of questions should never be a mystery to students:

- ▶ How am I doing in school?
- ▶ What are my assignments and what am I supposed to be learning this week, month, term, year?
- ▶ What grade will I get and what is my grade now?
- ▶ What skills have I mastered?
- ▶ What skills do I need to work on?
- ▶ What can I do about the areas in which I need to improve? What resources will help me?
- ▶ Which homework and assignments have I not completed?

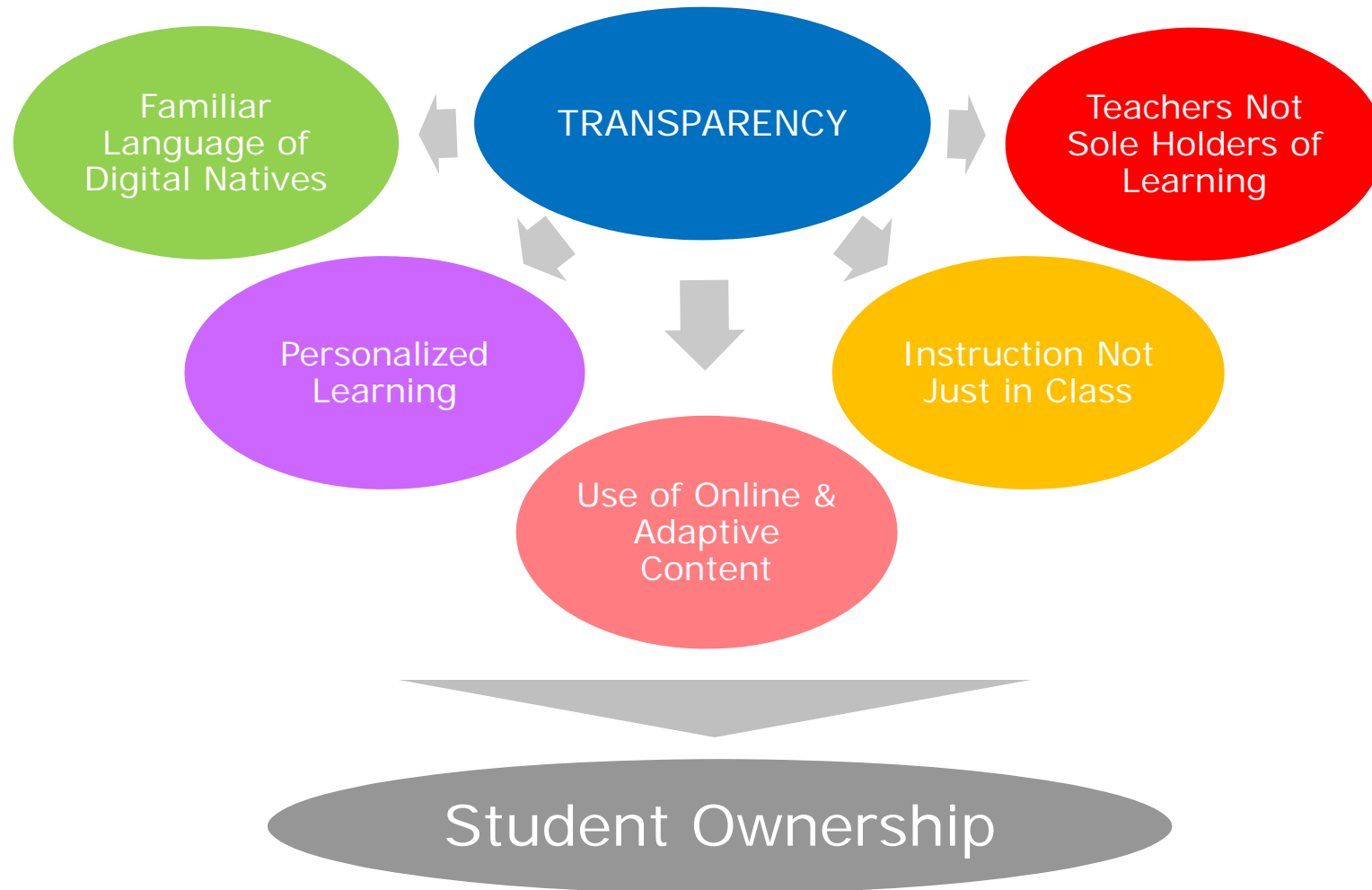
Basics for Transparency

In order for this transparency to be achieved and students to be able to respond to data about their performance in school...

- ▶ Feedback must be
 - *Specific*
 - *Immediate*
 - *Accessible*

- ▶ Supporting technology must be in place
 - *Infrastructure*
 - *Devices*

What this can mean for students....



TRANSPARENCY



▶ Teachers Not the Sole Holders of Learning

- The teacher is no longer the bottle neck for feedback.
- Students do not have to depend on an interaction with the teacher or end-of-quarter progress report for information about their performance.

TRANSPARENCY



- ▶ Instruction is not limited to class time
 - If student sees exactly which standards or skills they are not proficient in, they can take action.
 - When on-line content and resources are mapped to standards, students can access learning at any time.

TRANSPARENCY



▶ Meaningful Use of On-Line Adaptive Content

- With a clear picture of how the student is performing, he or she can connect directly with the right content to gain particular skills.
- Content that is adaptive will give students a more customized learning experience.

TRANSPARENCY



▶ Personalized Learning

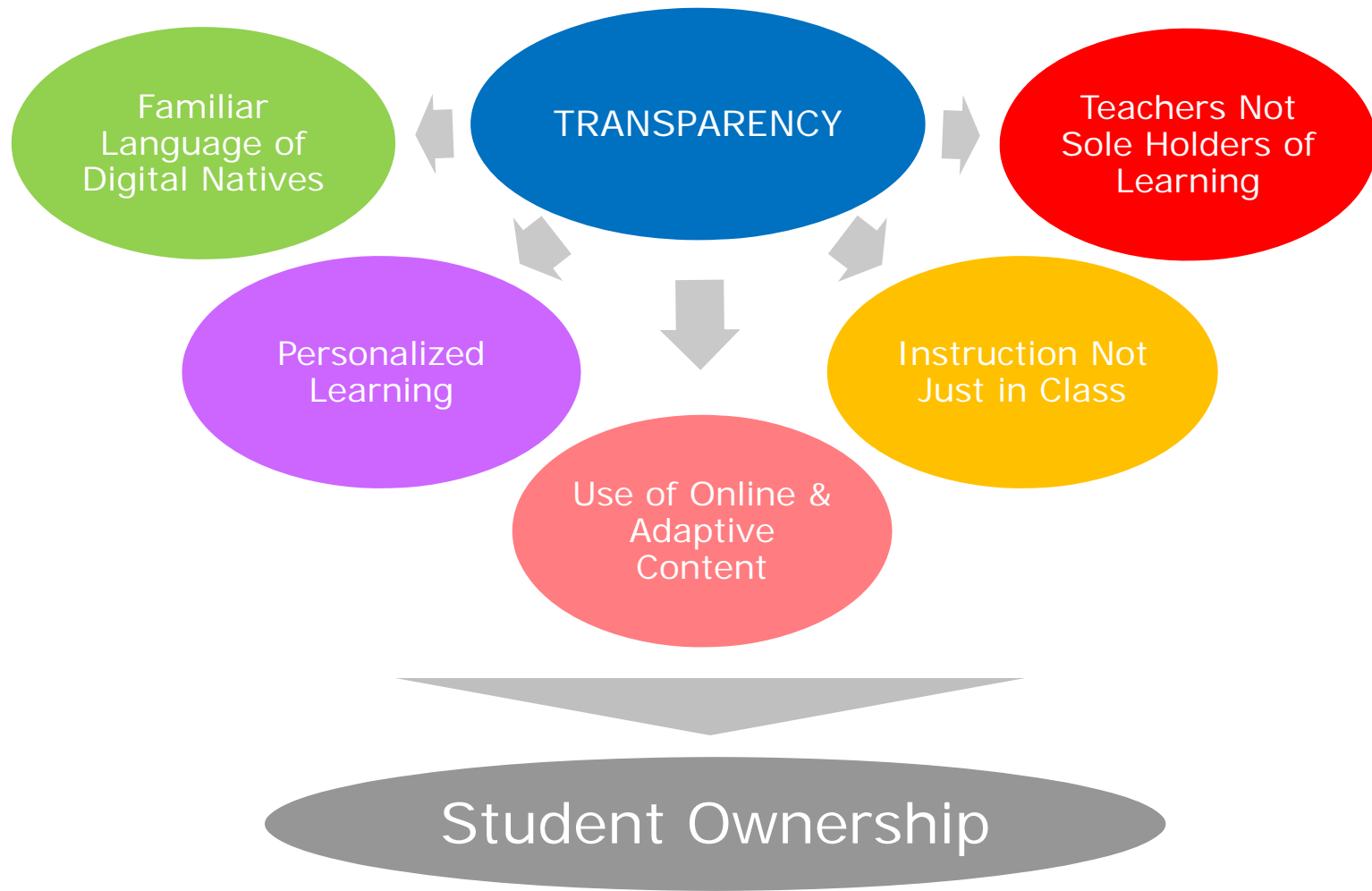
- Each student can work (1) at their own pace (2) on the exact skills or habits they need (3) in a way that aligns with their learning styles or interests.

TRANSPARENCY



- ▶ Using the Language of Digital Natives
 - Students find comfort in navigating systems that are interactive and customized to the user.

TRANSPARENCY → Student Ownership



Classroom Example:

*Student Goal Setting & Data Tracking
with Ms. Mobley*

(embed video)

Our Platform: SchoolForce

- ▶ Developed by Acumen Solutions with E.L. Haynes
- ▶ Built on Salesforce.com
- ▶ “Open” platform with modules, e.g.
 - Standards-based Gradebook
 - Student Information System
 - Attendance
 - Homework Tracker
- ▶ Cloud-based
- ▶ Year-long Development Process
- ▶ User Group

Feedback & Next Steps

- ▶ What feedback do you have?
- ▶ What is in place in your district or school to work toward empowering students with data?
- ▶ What needs to be done?