

Big Data de l'éducation

Les champs politique,
scientifique
et industriel

Séminaire intersemestriel GO90-012 UTC -
Séance animée par Sophie Pène
Université Paris Descartes, Centre de recherches interdisciplinaires,
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[CRI Paris](#) | [AIRE / EdTech](#) | [L'Openlab](#)

Disruption

LinkedIn - Orientation

The screenshot shows the LinkedIn search results for ESCP Europe. The page is titled "KPMG Siège - KPMG désigne blaq architectures pour réaliser son Siège". The search results are filtered for "Étudiants et anciens élèves" (Students and former students), which is circled in blue. The search criteria are "Fréquentation" (Attendance) from 1900 to 2014, and "Inclure les personnes n'ayant pas indiqué de dates" (Include people who have not indicated dates) is checked. The results are displayed in three columns: "Où vivent-ils ?" (Where do they live?), "Où travaillent-ils ?" (Where do they work?), and "Que font-ils ?" (What do they do?).

Où vivent-ils ?	Où travaillent-ils ?	Que font-ils ?
France: 20 391	BNP Paribas: 399	Finance: 4 469
Région de Paris, France: 16 025	ESCP Europe: 346	Ventes: 3 726
Royaume-Uni: 2 494	L'Oréal: 334	Marketing: 3 356
London, Royaume-Uni: 1 954	Société Générale: 317	Conseil: 2 994
Allemagne: 1 565	EY: 278	Entrepreneuriat: 2 013

The word "Texte" is overlaid on the middle of the page. Below the search results, there are five profile cards for alumni:

- Jérémy Clédat**: Associé chez CARE(ER), Région de Paris, France. Graduated '09.
- Brigitte Eyraud**: Alumni Careers Department Manager, Région de Lyon, France. Graduated '77.
- Carole JACQUELINE**: Business Developer chez easyRECrue, Région de Paris, France. Graduated '12.
- Oriane Mordret**: Senior Multichannel Marketing Project Manager chez L'Occitane en, Région de Paris, France. Graduated '10.
- Isabelle Moreau**: Responsable Recrutement et Sélection interne chez Air France, Région de Paris, France. Graduated '87.

NanodegreePLUS- insertion garantie

https://www.udacity.com/nanodegree/plus?utm_source=udacity&utm_medium=email&utm_campaign=20160113_Sebastian_NDPlusLaunch_2exte

Empowering yourself through learning, acquiring critical skills, pursuing career advancement. These are life-changing steps to undertake. They require commitment, hard work, and a willingness to take risks. We recognize this, and want you to know we support you every step of the way, from enrollment to getting hired. Enroll in Nanodegree Plus, and we guarantee you'll get hired within 6 months of graduating, or we'll refund 100% of your tuition. That's the kind of confidence we have in you.

Choose your program, land your job. Guaranteed.

LiveMentor - mentorat et désintermédiation du marché de la «colle»

Pourquoi des milliers d'élèves ont choisi LiveMentor ?



De l'aide immédiatement

Les cours particuliers en visioconférence vous permettent de bénéficier de l'accompagnement d'un mentor de haut niveau et parfaitement adapté à vos besoins, quels que soient votre emploi du temps ou votre ville.

Plus de temps perdu dans les transports : nos mentors sont disponibles et réactifs pour vous accompagner sur le long terme ou vous dépanner à la dernière minute.

[Trouver un mentor](#)



Nouveaux styles éducatifs

ClassCentral - Certification

EARN A CREDENTIAL.

Discover certificate programs in high demand skills from top universities and companies. Read reviews to decide if a credential is right for you.

Create free account



Les Moocs, un miroir de données

TOP 25 KEYWORDS

python, java, writing, statistics, english, computer science, machine learning, healthcare, data science, marketing, accounting, c, android. big data, finance, excel, psychology, spanish, music, project management, photography, javascript, programming, sql, french.

These students wrote 7k+ reviews, added courses 200k+ times to [MOOC Tracker](#), and ran 250k+ searches.

Only 6% of students end up using the search functionality, but between them those students still ran over 250,000 searches using 60,000 search terms. The top 25 search keywords are below. These account for 13% of all searches.

1. [**A Life of Happiness and Fulfillment**](#) **via** *Indian School of Business & Coursera* ★★★★★ (124 ratings)
2. [**Introduction to Programming with MATLAB**](#) **via** *Vanderbilt University & Coursera* ★★★★★ (82 ratings)
3. [**The Great Poems Series: Unbinding Prometheus**](#) **via** *OpenLearning* ★★★★★ (17 ratings)
4. [**Marketing in a Digital World**](#) **via** *University of Illinois at Urbana-Champaign and Coursera* ★★★★★ (107 ratings)
5. [**Fractals and Scaling**](#) **via** *Santa Fe Institute and Complexity Explorer* ★★★★★ (13 ratings)
6. [**What is a Mind?**](#) **via** *University of Cape Town via FutureLearn* ★★★★★ (17 ratings)
7. [**Algorithms for DNA Sequencing**](#) **via** *Johns Hopkins University and Coursera* ★★★★★ (13 ratings)
8. [**Mindfulness for Wellbeing and Peak Performance**](#) **via** *Monash University and FutureLearn* ★★★★★ (14 ratings)
9. [**Programming for Everybody \(Getting Started with Python\)**](#) **via** *University of Michigan and Coursera* ★★★★★ (10 ratings)
10. [**CS100.1x: Introduction to Big Data with Apache Spark**](#) **via** *University of California, Berkeley and edX* ★★★★★ (31 ratings)

1. [Santa Fe Institute](#)
2. [Monash University](#)
3. [Case Western Reserve University](#)
4. [San Jose State University](#)
5. [Australian National University](#)
6. [Yale University](#)
7. [The University of North Carolina at Chapel Hill](#)
8. [University of Melbourne](#)
9. [University of Queensland](#)
10. [Wharton School of the University of Pennsylvania](#)

Transparence et accountability

Transparence et accountability

Effective Teaching

- What Works Clearinghouse
- Improving Teacher Quality
- Annual Report on Teacher Quality

Choice

- Choices for Parents
- Supplemental Educational Services
- Giving Parents Options
- Charter Schools Program

Accountability and Reports

- Standards, Assessment and Accountability
- Title I Evaluation Reports
- Nation's Reading Report Card
- Nation's Math Report Card
- Nation's Science Report Card

Etat et Citoyens

NCES Fast Facts

- [What are the dropout rates of high school students?](#)
- [What is the average income for young adults?](#)
- [Do you have information on postsecondary enrollment rates?](#)
- [What are the graduation rates for students obtaining a bachelor's degree?](#)
- [More...](#)

Data Collections

- [ED Data Inventory](#)
- [Integrated Postsecondary Education Data System \(IPEDS\)](#)
- [ED Data Express](#)
- [Student Aid Data Center](#)
- [Trends in International Mathematics & Science Study \(TIMSS\)](#)
- [Surveys & Programs](#)

Open Data Initiatives

- [ED Public Data Listing](#)
- [Open Education](#)
- [Application Program Interfaces \(APIs\)](#)
- [Open Government Plan](#)
- [Digital Government Strategy and Open Data Policy](#)

Data Search Tools

- [College Scorecard](#)
- [College Navigator](#)
- [Search for Schools and Colleges](#)
- [Campus Safety and Security](#)
- [Civil Rights Data Collection](#)
- [More...](#)

Data Topics

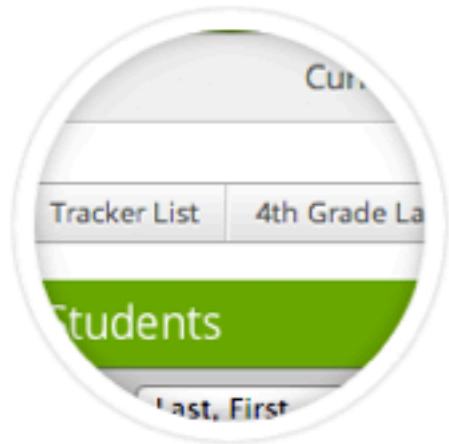
- [Bullying](#)
- [Campus Safety and Crime](#)
- [Colleges and Universities](#)
- [Department Spending and Grants](#)
- [Equal Access and Fairness](#)
- [FAFSA Completion \(by High School\)](#)
- [My Brother's Keeper](#)
- [Public Schools \(Preschool-12\)](#)
- [State Education Profiles](#)
- [Title IX and Sexual Assault/Offenses](#)

Connect

Share your feedback, ideas and suggestions with us, and get regular updates.

- [Homeroom Blog](#) - Blog articles provide insights on the activities of schools, programs, grantees, and other education stakeholders to promote continuing discussion of educational innovation and reform.
- [Education Community on Data.gov](#)
- [Information for Developers](#)
- [Twitter](#) - Connect with us on Twitter.
- [Email](#) - Send us an email.

MASTERY TRACKER



Dashboard for Teachers

Designed with the teacher in mind.

Through MasteryConnect's patent-pending MasteryTracker, teachers can effectively assess core standards, monitor student performance, and report student mastery to parents and administrators.



ASSESS WITH ANY CONTENT – Use multiple choice, rubrics, oral assessments, writing assessments or any curriculum or content type.



REAL-TIME MASTERY STATUS – Visualize student performance relative to the core with the traffic light approach of red, yellow, and green mastery status.



CURRICULUM MAPS – Mix and match standard sets, create custom standards, and easily drag and drop standards into any sequence.



MULTI-STANDARD / BENCHMARK ASSESSMENTS – Administer district-created or teacher-created benchmark assessments. Utilize third-party item bank content.



STATE AND COMMON CORE STANDARDS – Convenient 'View Standards' links helps teachers stay focused on teaching and assessing core standards.



STANDARDS-BASED STUDENT REPORTS – Integrated standards-based reports provide real-time information about mastery to students and parents.



INTEGRATED STANDARDS RESOURCES – Easily view resources and content tied to both state and Common Core standards.

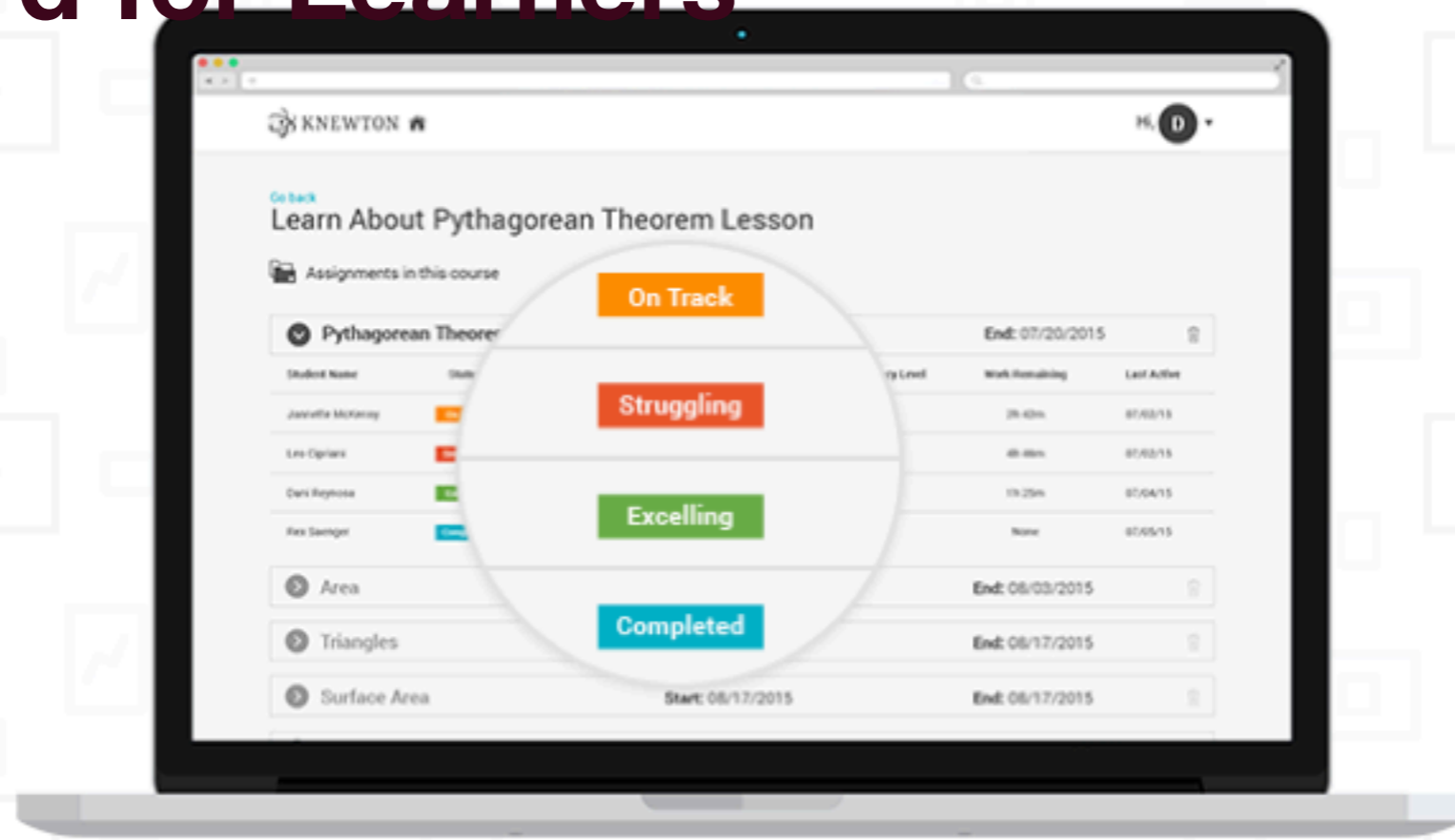


REMEDATION / RE-TEACHING – With focus on individual standards, teachers can easily identify which students are struggling to understand a concept.



RESPONSE TO INTERVENTION (RTI) – With simple reports and the mastery tracker, identifying students for tiered interventions has never been easier.

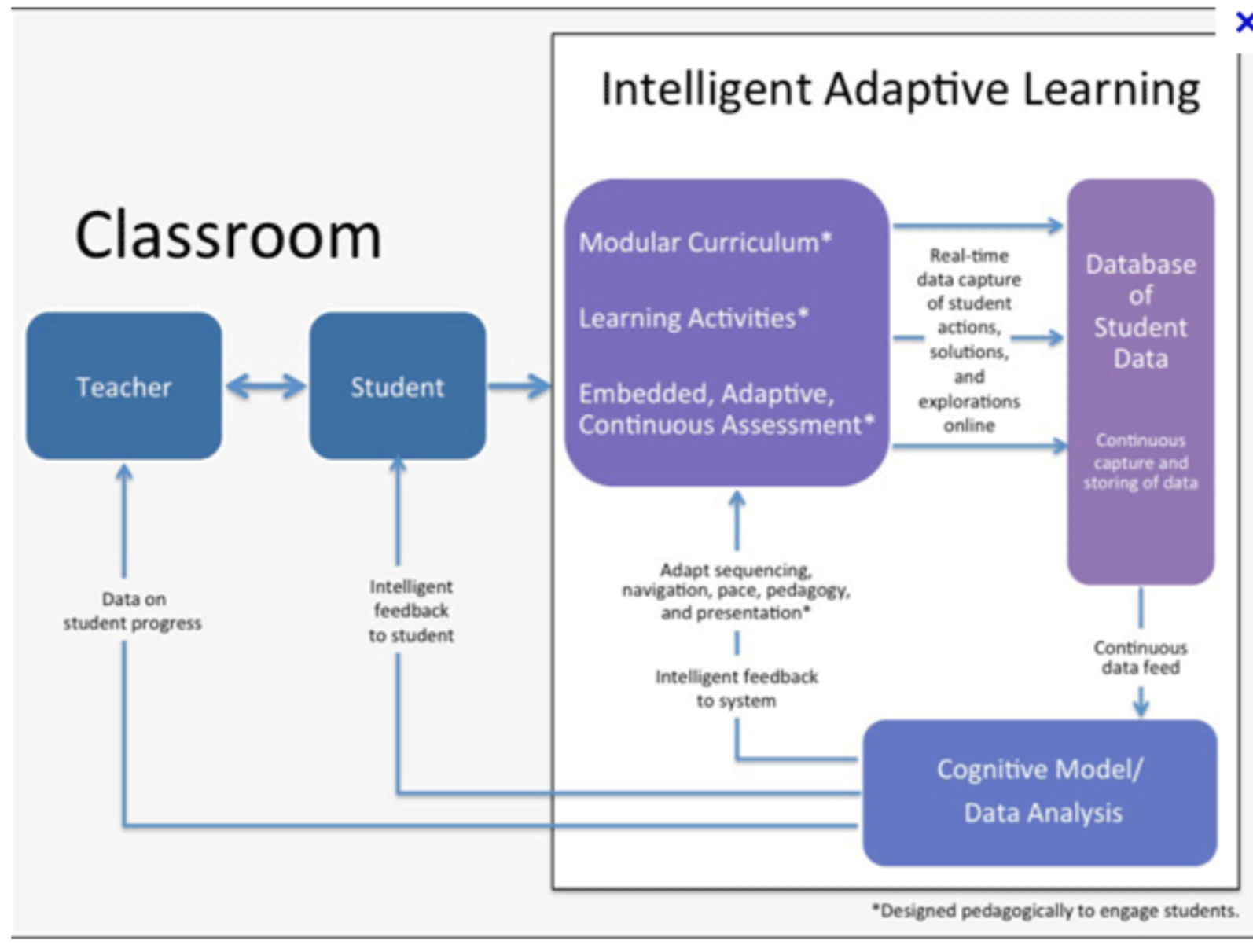
Dashboard for Learners



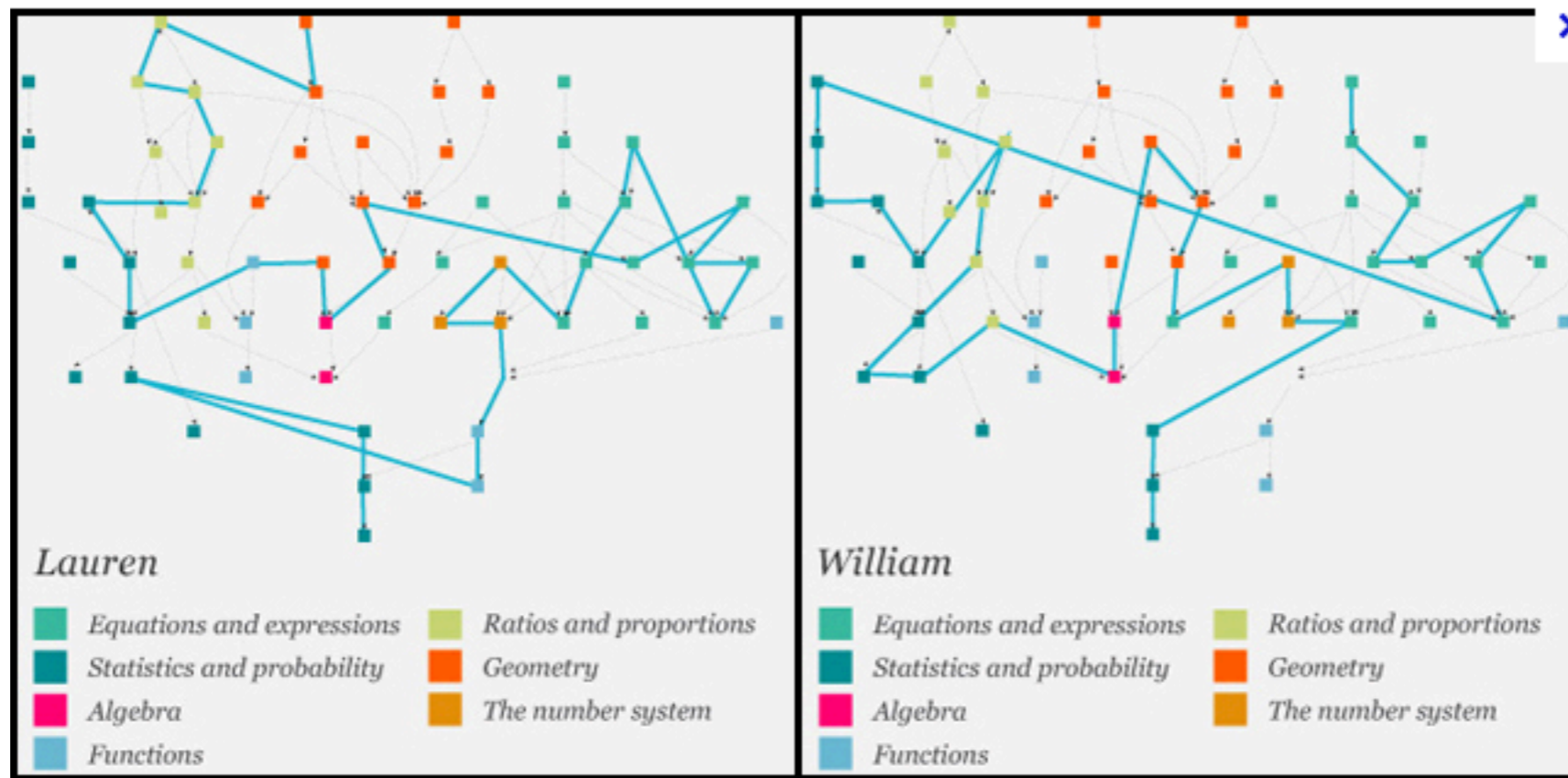
Knewton pinpoints the exact pieces of content that are best for you from our ever-growing open library.



Adaptive Learning Model 1



Adaptive Learning Model 2



Adaptive Learning Model 3

Martin-Gay Beginning and Intermediate Algebra, 5e (with Knewton and Gradebook) MyMathLab®

course settings

modify **Study Plan** modify

Martin-Gay Beginning and Intermediate Algebra, 5e (with Knewton) > STUDY PLAN > STUDY PLAN PROGRESS

Study Plan Progress

Study Plan Score: 23 / 485

Objectives mastered	23 x 1 MP = 23 mastery points earned
Objectives practiced, but not mastered	4
Objectives remaining	458

What to work on next Other objectives you need to study

Ch. 0: Orientation Questions for Students

0.1

Ch. 1: Review of Real Numbers

1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8

Ch. 2: Equations, Inequalities, and Problem Solving

2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8

Ch. 3: Graphing

3.1 3.2 3.3 3.4 3.5 3.6

Ch. 4: Solving Systems of Linear Equations

4.1 4.2 4.3 4.4 4.5

Ch. 5: Exponents and Polynomials

5.1 5.2 5.3 5.4 5.5 5.6 5.7

Navigation menu (left): Chat & ClassLive, Document Sharing, HTML eBook, Course Home Manager, Assignment Manager, Study Plan Manager, Gradebook, Course Roster, Syllabus, Professor Videos, Assignments, Gradebook, Quizzes & Tests, Study Plan, Multimedia Library, Video Notebook, Ebook, Tools for Success, Student Organizer, Pearson Tutor Services, Discussions

10 DRIVERS OF BLENDED LEARNING

1 Improve ability to personalize learning

2 Potential for individual progress

3 Improve student engagement and motivation

4 Shift to online state tests starting in 2015

5 Need to extend time and stretch resources

6 Potential to extend the reach of effective teachers

7 Ability to improve working conditions

8 Decrease device costs

9 Student and parent adoption of learning apps

10 Interest in narrowing the digital divide

Free Webinar

www.edWeb.net/blendedlearning