Dear Student, welcome to LearnSmart Master in Connect. You will find many resources in this document that will help you be successful this semester. Take the time to look carefully through this guide and use all of the tools that are designed to specifically help you and adapt to your level of knowledge while taking this course. Below, you will find log-in instructions, information about the workflow within LearnSmart Master, how to find your assignments, as well as how to find reports that will help you study and prepare for tests and quizzes. Below is a visual depiction of the workflow for this learning tool. YOU WILL LIKELY GO THROUGH THIS CYCLE SEVERAL TIMES IN ONE ASSIGNMENT.

**Student Walkthrough**

**Tune In**
To determine what you know already and figure out what you need help with

**Practice**
Personalized practice

**Focus**
Tailored Learning Resources to help you with topics where you are struggling
LearnSmart Master will also track the topics that you have mastered in a tab called “Recharge”. Be sure to keep an eye open for more details about how to best use feature when preparing for a quiz or exam!

Tips for Success:

- Spend time in ‘Focus’ on the resources. Read the slides, watch the videos. This is the time to learn the things you made mistakes on in ‘Tune In’, so that when you see those questions again, you can get them right and you can move on!

- If you click on ‘Hint’ or ‘Help’ in the Show Your Work Questions, you won’t get full credit. You need to answer them correctly without ‘Help’ in order to move on!

- Are you stuck on a question or topic? Talk to your instructor! Write down the question that is giving you trouble, or take a screenshot.

- Be thoughtful and honest when you click on the ‘I know it/Think so/Unsure/No idea’ buttons before each question. The system is listening to you, and it will affect what questions it gives you. Click honestly, and it will help.

- Use Recharge. It will help you on exams. It does not count towards your homework progress, but it doesn’t take much time and it will be huge in helping your memory.
Student Registration: Below is a screenshot of your Registration Sheet that your instructor has provided for you. Your instructor may have provided your section web address in a separate document or posted it for you on-line.

Go to the section web address listed on the student registration info sheet your instructor provided (A). If you don’t have a web address, ask your instructor or check your syllabus.
Click **REGISTER NOW** (A).
Enter your email address and click **Submit (A).**
Enter, in all capital letters, the registration code printed on the card that came with your textbook, or that you bought separately (A). Click Submit (B).

** enter the 6 phrase code that has been provided from your instructor then click submit.
If you have already have an account, you’re finished. If you don’t have an account, create one by filling in your information (A) and clicking Complete My Registration (B).
Technical Support/updating your computer:

At this link you can check if your computer has all the necessary system requirements.
http://connect.customer.mheducation.com/technical-support/

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**Technical Support**

We are pleased to announce that Connect now offers chat functionality and expanded weekend hours of technical support. Our goal is to provide you with the service you need to get the most out of Connect.

If you have questions or need technical assistance, please visit our online support site for phone, email, or chat.

Canadian Customers: please visit our dedicated Canadian online support site.

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**SYSTEM REQUIREMENTS**

Connect works best with the following system requirements:

**Operating systems**
- Mac OS X 10.7 Lion, 10.8 Mountain Lion, 10.9 Mavericks

**Browsers**
- Firefox 25+
- Internet Explorer 9.10.11
- Google Chrome 31+
- Safari 5.1, 6.x, 7.x

**Plug-ins**
- Flash 11+
- Java 5.2.6 SE7
- Quicktime 7.7+

**TROUBLESHOOTING**

Click the link below to see if your computer meets the requirements for Connect.

Check My Computer:
Once logged into Connect, you will be able to access all of your assignments that your instructor has created. He/she may have chosen to create quizzes and tests in here as well as your INDIVIDUALIZED ADPATIVE LEARNING assignments through LearnSmart.

Home Page:

On the homepage you will see any current assignments and messages from your instructor. If you click on Performance at the top of the page, you can see your reports.
Assignments:

In the list of assignments you will see the due date, and the status of the work you’ve done. If you click on the assignment title you will be taken into the assignment itself.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Info</th>
<th>Due Date</th>
<th>Status</th>
<th>Attempts Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignment 1</td>
<td></td>
<td>01/11/14</td>
<td>not started</td>
<td>N/A</td>
</tr>
<tr>
<td>Assignment 2</td>
<td></td>
<td>01/16/14</td>
<td>not started</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Navigating your LS Master Assignment

LearnSmart Master™ for Developmental Math is an adaptive, learning and assessment system that guides you through personalized and dynamic learning experience to help you learn the material, retain more knowledge, and demonstrate a deeper understanding of the core concepts. LearnSmart Master uniquely encourages math fluency and building connections amongst topics rather than memorizing processes. As you progress, you will gain confidence and an awareness for how well you understand key math concepts, further preparing you for tests and future courses.

Opening Introduction Screen:
As you work through **LearnSmart Master™**, you will engage in conceptual and computational content in a three phase cycle consisting of Tune In, Focus, and Practice. Each phase provides immediate remediation and feedback.

**Landing/Overview Page for Each Assignment:**

![Sample Assignment 1](image-url)
**Study Schedule** – The first thing you will encounter when entering an assignment is the study plan. You are encouraged to consider your schedule here and set forth some goals, rather than just starting in without a plan. You will set an intention for how you wish to accomplish your assignment goal which will help you anticipate and plan for how much time your work might take you. If your assignment is via Connect, your deadline will be driven by the assignment due date that your instructor has set within Connect.

Once you select the amount of days per week that you plan to work through this assignment, the system will calculate a recommendation for how many minutes per day based on the number of learning objectives that are chosen in the assignment by the instructor.
If your assignment is expected to take less than 2 hours, the screen below will appear instead.

Your Study Schedule

**Deadline:** 11/21/2014
Your instructor has chosen this deadline for you.

**Practice time:**
This assignment is expected to take less than two hours. We recommend you do it in one to two study sessions.

CONTINUE >
Basic LearnSmart Navigation Tips

Tip - Do not USE your Browser’s back button, rather you should use the BACK to Connect button in the top right of your LearnSmart assignment window (highlighted here).

You can also click on the Expand (triple line) icon below to see more options.
To go back to the main Overview page for your assignment, Click on Overview- and then if you go back into LEARN, you will be able to continue where you left off.
Tune In

In Tune In, you are asked a series of questions to assess a baseline understanding of what you know and do not know. You will demonstrate understanding by answering a variety of question types, including, multi-answer, ranking, fill-in-blank, and show your work questions. If you answer your questions correctly, consistently, you will spend more time in TUNE-IN and receive credit as you are working through this section.
Conceptual Probes – These questions are meant to determine whether you understand the math you are learning, rather than just asking for skill and drill responses. These questions will focus on general procedures, definitions, and problem recognition to prepare build a strong foundation of concepts and prepare you for your exams and future courses.
Metacognition Element – Before we ask you to submit a response to a question, you are also asked how confident you are with your answer. This allows you to consider how well you know the content before answering. You can later view a report to help you assess and analyze how well you really know the content.
**Challenge Button** – This button is made available after every probe. If a student has a concern or suggestion with any probe, or whether their answer was accepted, they can click on Challenge and send a note to the development team. Each concern will be evaluated on a regular basis to see if a correction needs to be made. We highly encourage students and instructors to provide feedback via this Challenge button.
**Show your Work Probes** – In this question type, you are asked to show your work (showing your steps along with your final answer to receive credit). By showing work, you will receive step-level feedback that will guide you to which steps you might be struggling with.

- If you submit the correct answer, but your work is not equivalent to the correct answer, you will be asked to go back and resubmit the work.
- If you only type in the correct answer without any steps, you will be asked to go back and share your work to receive full credit.
- If you struggle, you can click on “Help Me” to receive a hint to get started.
- If you continue to use the **Help Me** button, you will later be asked to answer a similar question without using the help buttons to demonstrate full mastery for that learning objective.
- If you are stuck and do not understand what to do, you can opt to click on **Show Answer** to see the entire exercise worked out correctly. Once viewing this, you will still need to answer another similar question at another time without this help. Note, you will not immediately be asked a similar question, but later.
Working through the problem,

\[ 5x - 6 = -4 \]

\[ 5x - 6 + 6 = -4 + 6 \]
Getting the answer wrong and seeing the step where the mistake was made on the right.

Solve the equation. Express solution as an integer or simplified fraction.

\[5x - 6 = -4\]

You made a mistake at step 3.

1. \[5x - 6 = -4\] ✔
2. \[5x - 6 + 6 = -4 + 6\] ✔
3. \[5x = 10\]
4. \[x = 2\]

Try to find and correct the mistake. Then click “Submit work” again.

Hint: Each hint will reduce the credit received for this question.
Making the correction and now getting the answer correct.

Solve the equation. Express solution as an integer or simplified fraction.

\[ 5x - 6 = -4 \]

\[ \Rightarrow 5x - 6 + 6 = -4 + 6 \]
\[ \Rightarrow 5x = 2 \]
\[ \Rightarrow x = \frac{2}{5} \]
Focus

As the system identifies learning objectives where you might need help, the Focus phase will then guide you through dynamic and personalized learning resources to provide key, teachable moments. Through these interactive learning resources, you will be able to visualize and engage with math concepts and build key connections amongst topics.
Types of Learning Resources – There are three types of learning resources, slides (interactive and non-interactive), videos, and exploratory activities.

Exploring Connections Learning Resources (aka Kaleidoscopes) – this robust learning resource allows you to explore and interact with a concept unlike any other resource. Each box shows a different perspective and representation of the concept and each layer allows you to engage deeply with content through many examples. Application examples, alternate representations, extensions, and connections to other mathematical concepts are presented.
Practice

The final phase of the cycle is “Practice”. The objective of this phase is to provide you an opportunity to practice what you have learned in the “Focus” phase and to engage in additional learning resources if necessary.
If you miss a probe in the “Practice” phase, all learning resources that are available for that learning objective are displayed in the right column. At this point, you can choose another resource or engage again with the one viewed in “Focus”. Remediation is also offered for incorrect responses. In this example, the slide appeared in the Focus but a video is also available.
Assignment Progress Percentage – Within every assignment, you will see a bar indicating the percentage of progress you are making on your assignment. This progress is determined by the learning objectives where you are demonstrating mastery.
**Recharge** – When you go into Recharge you will see that your battery is running low. This means it is time to Recharge! This is a great tool to use as you prepare for exams and quizzes. Be sure to check out the “Practice Quiz, Missed Questions and Most Challenging Learning Objectives” in reports as well!

You will be given questions to answer, similar to your homework assignment. Unlike your homework, you will not move through Tune In, Focus, and Practice.
At the top of the screen you will see the total progress on your assignment. Working in Recharge does not add percentage completion to your assignment! You will notice as you answer questions correctly, your progress remains the same.
If you get a question wrong then you will be provided with Learning resources on the right for you to refresh your memory on that topic.
If you want to return to your main homework assignment, you can click the box in the top right and select ‘Overview’.
After you’ve done some recharging on this assignment, you will see your battery is full!

Each assignment will have its own Recharge, so if you want to refresh and study the content from multiple topics, you will want to go into each assignment.
**Achievements** – These are small icons that represent badges of achievement for your work. These are designed to reward positive behavior and use in the system and do not affect your progress on an assignment or grade in the course.
Library of Resources – The Library of resources will allow you and your instructors to search resources within LearnSmart Master for additional one-on-one learning, or for in-class instruction. You can search for a particular concept and find all the resources on that topic, or you can search for a specific resource and find all concepts built for that resource type. See the Search entry below and also the Filter field BY TYPE on the right.
You can also sort and view PROBES via the library as well. See the filter selection below.
To view the resource or probe, Click on the name of the item in BLUE.
Student Reports

We encourage you to view your reports to further identify how you are progressing in each assignment. The following are samples of helpful reports.

Topics Scores- By Topic, you can drill into your progress percentage and also see Time Spent by topic.

Most Challenging Learning Objectives- The system helps to identify and filter key learning objectives where you struggled. You might want to take note of these to discuss with your instructor for additional help or seek out additional resources (ebook via Connect) for clarification.
Missed Questions- You can practice again your most frequently Missed Questions. By answering these question from reports, your work does not count towards your progress/grade.
**Self Assessment** - You can also see a breakdown by percentage of how aware you were that you knew the topics in each assignment. This detail can further help you recognize that you should practice more on objectives where you were not as confident in your answers.

<table>
<thead>
<tr>
<th>Aware that you knew the answer:</th>
<th>3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aware that you didn't know the answer:</td>
<td>87%</td>
</tr>
<tr>
<td>Unaware that you knew the answer:</td>
<td>0%</td>
</tr>
<tr>
<td>Unaware that you didn't know the answer:</td>
<td>10%</td>
</tr>
</tbody>
</table>