Macmillan New Ventures

Aprendizaje adaptivo/’flipped classroom’

30/01/2014

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Bringing the students of today the technology of tomorrow.
Introducing Macmillan New Ventures.

PrepU
Smarter than the average quiz

Personal

- PrepU es una motor de autoevaluación que proporciona un puente entre lo que los alumnos saben y lo que no saben.

- PrepU centra el tiempo de estudio con cuestionarios personalizados y adaptivos en donde los estudiantes se progresan hacia una mejor comprensión de la materia y mejores calificaciones.

- Los usuarios pueden comparar sus puntuaciones individuales y en general a las de los usuarios que están utilizando PrepU para el mismo curso en todo el país.

Adaptivo

- **Constructor personalizado de Quizzes**

  PrepU ayuda a averiguar lo que no sabes. Se llama "interrogación adaptiva personal", lo cual significa que experiencia única es exactamente lo que necesitas para entender los conceptos básicos y obtener mejores calificaciones.

- A medida que tomas exámenes en PrepU, el sistema determina rápidamente tu nivel de conocimientos y te proporciona las preguntas adecuadas-ni demasiado fácil (aburrido) ni demasiado duro (intimidación).

- **Informes personalizados**

  Con los informes personalizados PrepU se convierte en una guía de estudio online dinámico! Se proporciona información sobre tu rendimiento desglosados por tema, para que sepaa exactamente dónde enfocar tus esfuerzos de estudio.

- **Clave de respuestas**

  PrepU ofrece una clave de respuestas para cada cuestionario completado, una forma rápida de revisar las preguntas y temas específicos.

Fiable

- **Miles de preguntas que se evaluadas en clase.**
  Cada pregunta en PrepU es de clase probada y analizada por la calidad.

- **Calificaciones de dificultad de preguntas basada en datos.**
  Los niveles de dificultad no se asignan arbitrariamente, sino que se basan en datos de estudiantes reales.

- **Malentendidos de los estudiantes claramente identificados.**
  El 'Alerta de Malentendido' de PrepU no solo identifica las preguntas que has contestado correctamente, sino que también identifica las preguntas donde la mayoría de los estudiantes han elegido la misma respuesta equivocada. Preguntas identificados con una Alerta de Malentendido ofrecen grandes momentos de enseñanza

- **Centro de asignación flexible y fácil de usar.**
  PrepU hace que sea fácil de construir pruebas y exámenes usando un depósito de miles de preguntas.

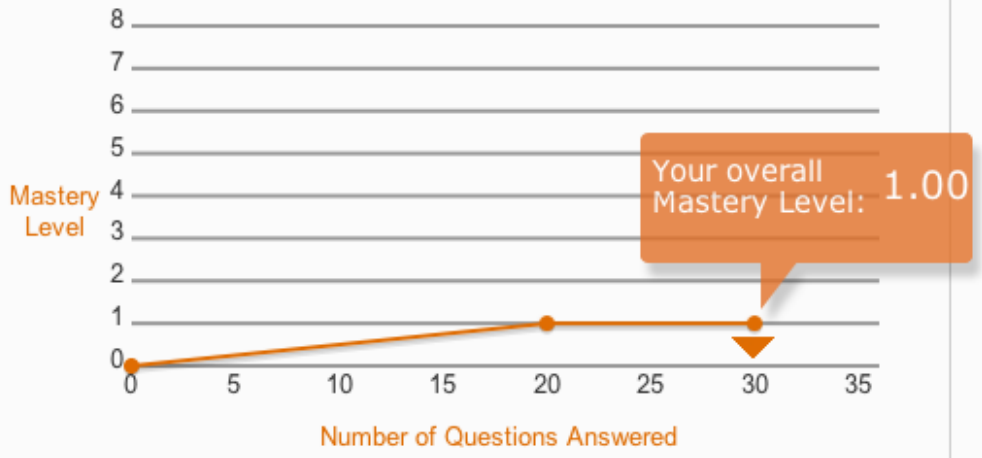
- Demo

Overall Performance

View your quiz history

Mastery Level vs. Number of Questions Answered

For the 5 chapters you've taken quizzes on, your performance is:



Mastery Level for a quiz

You've answered **30** total questions

Chapter Strengths & Weaknesses

Compared to students nationwide...

Strengths:

Weaknesses: about and in

back

Take a Practice Quiz on my weakest chapters

Your Assignment Stats

You are not currently enrolled in a class.

(If your instructor has created assignments in PrepU, click here to enter the Class Code and enroll in the class in order to view them.)

✔ 0 Assignments Completed

You have 0 Assignments open

Performance by Chapter

Chapter	Mastery	1 2 3 4 5 6 7 8
about and in 1 Quiz taken	My Mastery Level: 1.00	
back 1 Quiz taken	My Mastery Level: 1.00	
down 1 Quiz taken	My Mastery Level: 1.00	
out 2 Quizzes taken	My Mastery Level: 1.00	
up 1 Quiz taken	My Mastery Level: 1.00	

- red flag icons indicate weaknesses

What information can I gain from these graphs?

The "How Am I Doing?" dashboard shows your overall progress, and your understanding of each chapter. Use this information to focus study time on weak areas, compare your mastery to that of your classmates, and enjoy the progress you've made. For an animated tour of the "How Am I Doing?" page, click here.

Mastery is not the same as a grade.

PrepU's eight mastery levels reflect your grasp of key topics in your PrepU course. The mastery levels were created based on data from tens of thousands of students nationwide. Your mastery level is based on quiz performance and question difficulty. Questions become more difficult as you advance through the levels.

Practice Quiz

Step 1: Select Chapters

Phrasal Verbs

PHRASAL VERBS

- [x] about and in
- [x] back
- [ ] down
- [ ] out
- [ ] up

Step 2: Select Quiz Length

Number of questions: 10

Step 3: Start Your Quiz!

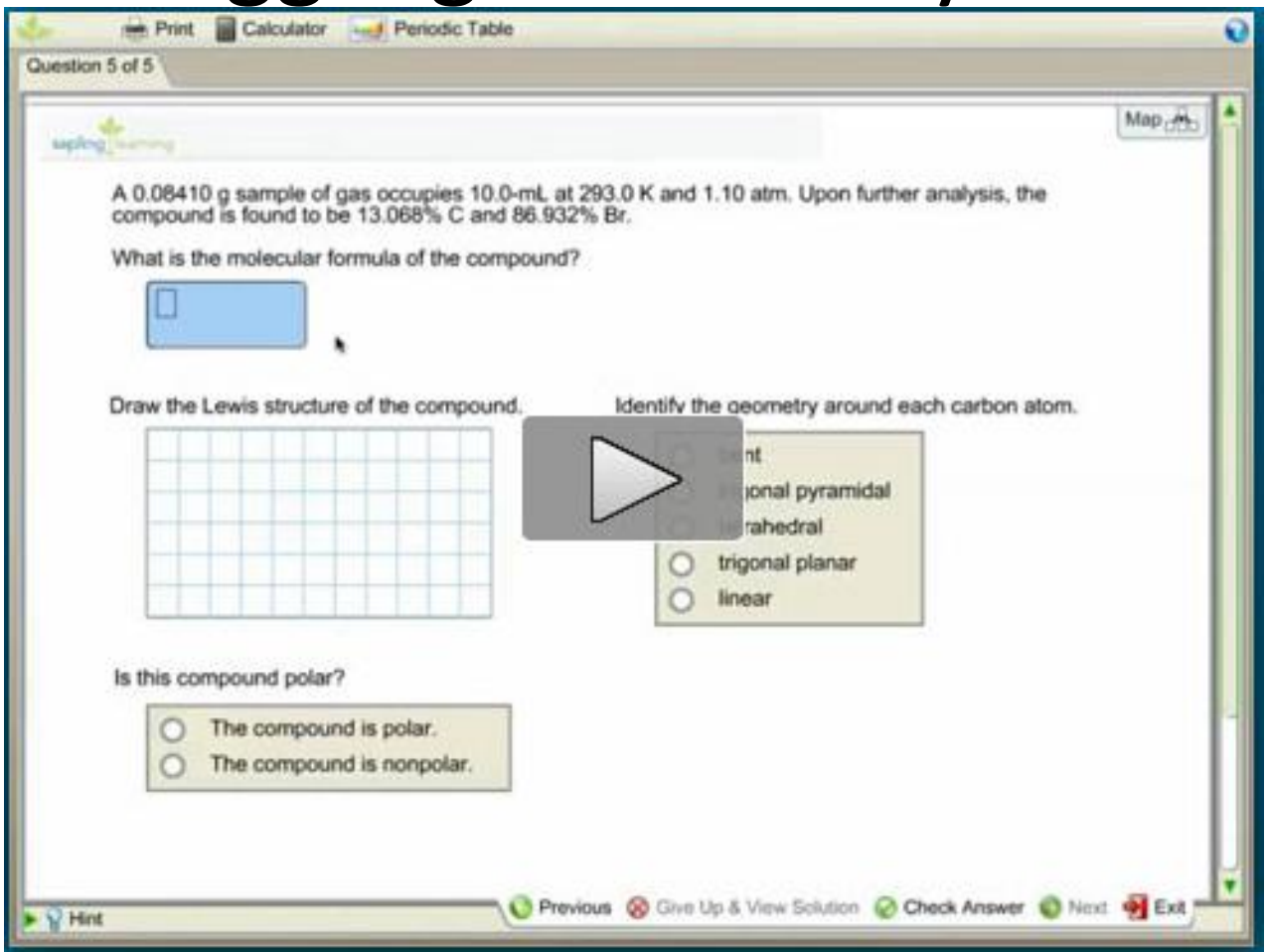
Quiz Me

Materias disponibles

- Psychology
- Chemistry
- Biology
- Economics
- ELT (in preparation)

sapling learning

Sapling Learning's user interface is simple and clear, so students can focus on solving problems rather than struggling with the system.

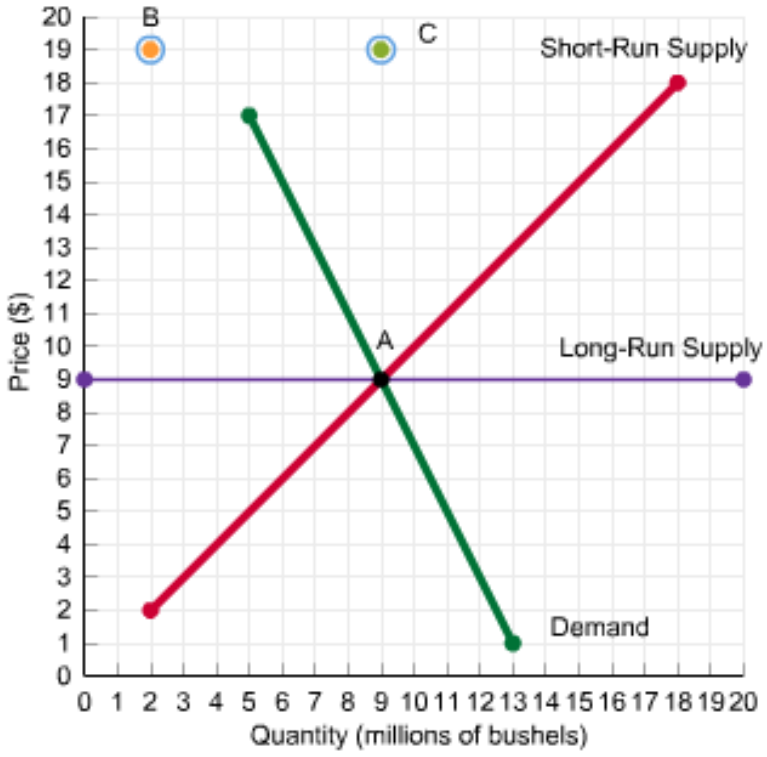


Sapling Learning maximizes student engagement and comprehension by delivering immediate feedback. Students receive instructional content targeted to their responses as they work the problem.

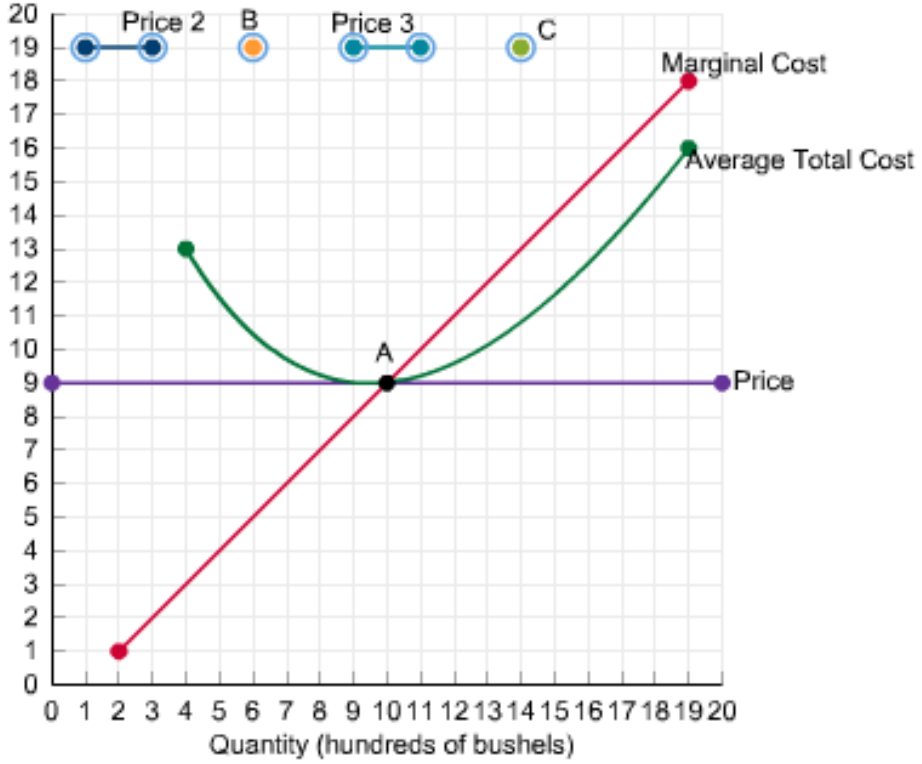
sapling learning

On the left is a graph of the market for soy beans, a perfectly (purely) competitive market. On the right is a graph of Roy's Soys, an individual firm in the market for soy beans. The market and the firm are currently in long-run equilibrium at point A. Scroll down for all of the instructions.

Soy Bean Market

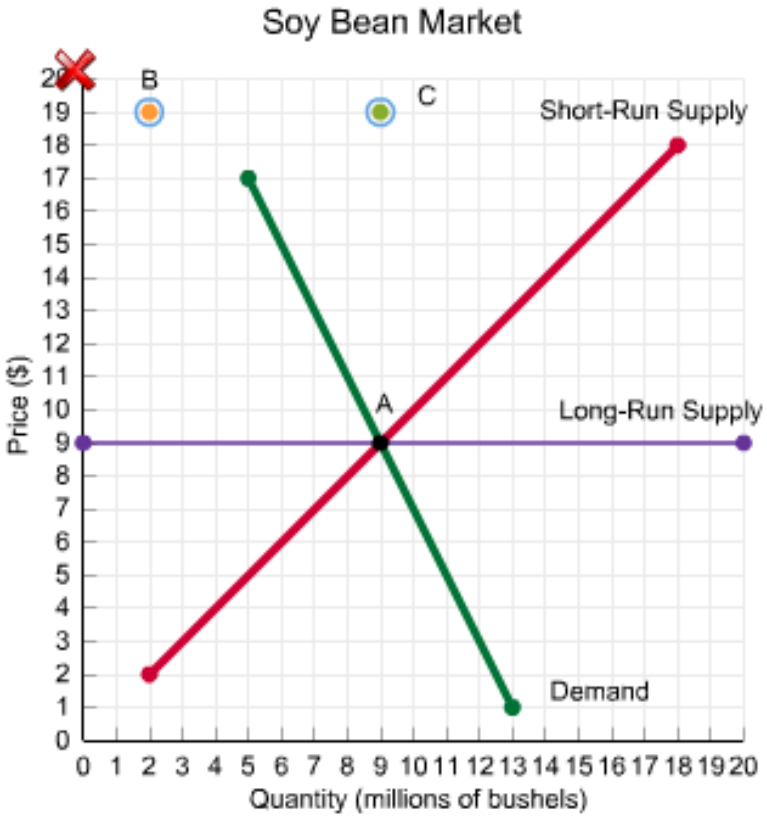


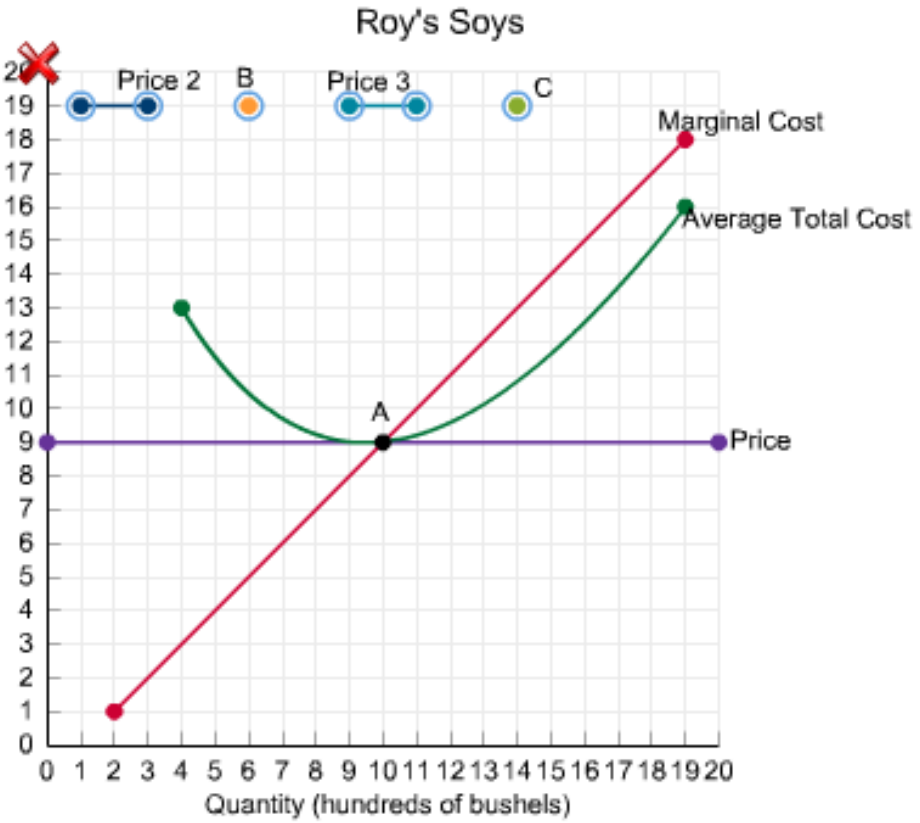
Roy's Soys



Show what happens in the short run on both graphs when a new

equilibrium at point A. Scroll down for all of the instructions.



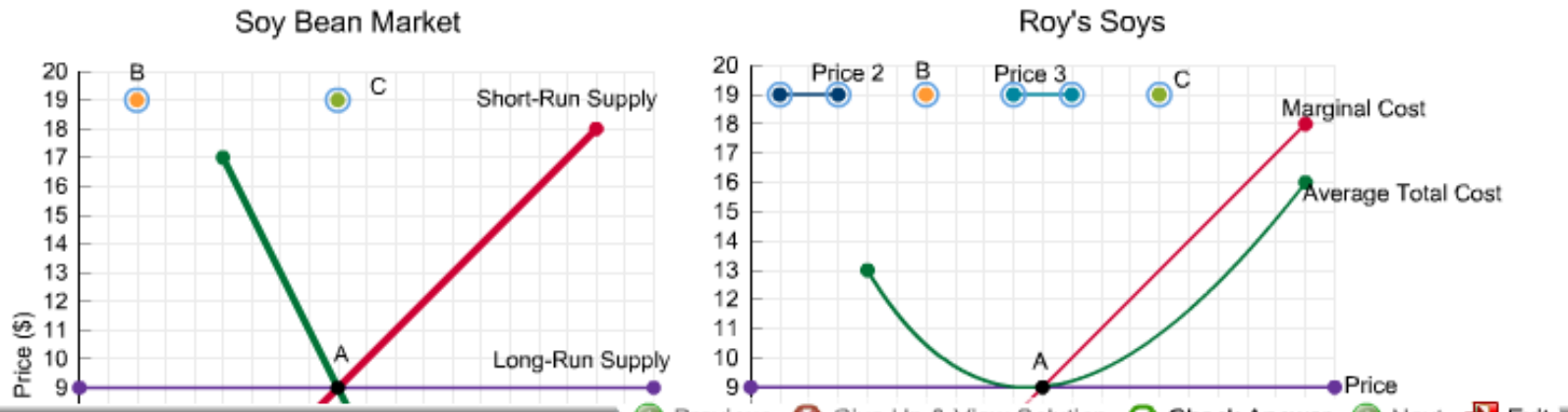


Show what happens in the short run on both graphs when a new medical study shows soy beans to be an effective weight-loss supplement. On the market graph, shift the curve labeled "Short-Run Supply," "Demand," or both curves. On the firm's graph, use the line labeled "Price 2" to draw a new price line for the firm. On both graphs, indicate the new equilibrium points with the orange point B.

Incorrect. You did not change the market graph correctly. Does the new medical information influence consumers or producers? Would it make them want to eat more soy beans, or fewer?

sapling learning

On the left is a graph of the market for soy beans, a perfectly (purely) competitive market. On the right is a graph of Roy's Soys, an individual firm in the market for soy beans. The market and the firm are currently in long-run equilibrium at point A. Scroll down for all of the instructions.



Hint | Previous | Give Up & View Solution | Check Answer | Next | Exit

When normal market forces change Demand in a perfectly competitive market, the firms will sell at the new market price.

But in the long run, these markets will return to long-run equilibrium.

Sounds coming from moving objects, such as the siren of an emergency vehicle, appear to change pitch as the object moves toward or away from you. Compare the wavelength of a siren based on its motion toward or away from you.

Shortest wavelength

Longest wavelength

**Note: mph = miles per hour

neither toward nor away from you

toward you at 3 mph

toward you at 32 mph

toward you at 41 mph

away from you at 32 mph

away from you 31 mph

Sounds coming from moving objects, such as the siren of an emergency vehicle, appear to change pitch as the object moves toward or away from you. Compare the wavelength of a siren based on its motion toward or away from you.

Shortest wavelength

- neither toward nor away from you
- toward you at 41 mph
- away from you at 32 mph
- toward you at 32 mph
- away from you 31 mph
- toward you at 3 mph

Longest wavelength

**Note: mph = miles per hour

sapling learning

Sounds coming from moving objects, such as the siren of an emergency vehicle, appear to change pitch as the object moves toward or away from you. Compare the frequency of a siren based on its motion toward or away from you.

Highest frequency

- neither toward nor away from you
- toward you at 49 mph
- toward you at 34 mph
- away from you at 34 mph
- away from you 13 mph
- toward you at 4 mph

Lowest frequency

Incorrect.
Did you rank according to speed only? The direction of the motion, either toward you or away from you, also needs to be considered when ranking.

**Note: mph = miles per hour

sapling learning

Sounds coming from moving objects, such as the siren of an emergency vehicle, appear to change pitch as the object moves toward or away from you. Compare the frequency of a siren based on its motion toward or away from you.

Highest frequency

- neither toward nor away from you
- away from you at 34 mph
- toward you at 4 mph
- toward you at 34 mph
- toward you at 49 mph
- away from you 13 mph

Lowest frequency

Incorrect.
The item "neither moving toward nor away from you" is not the highest frequency.

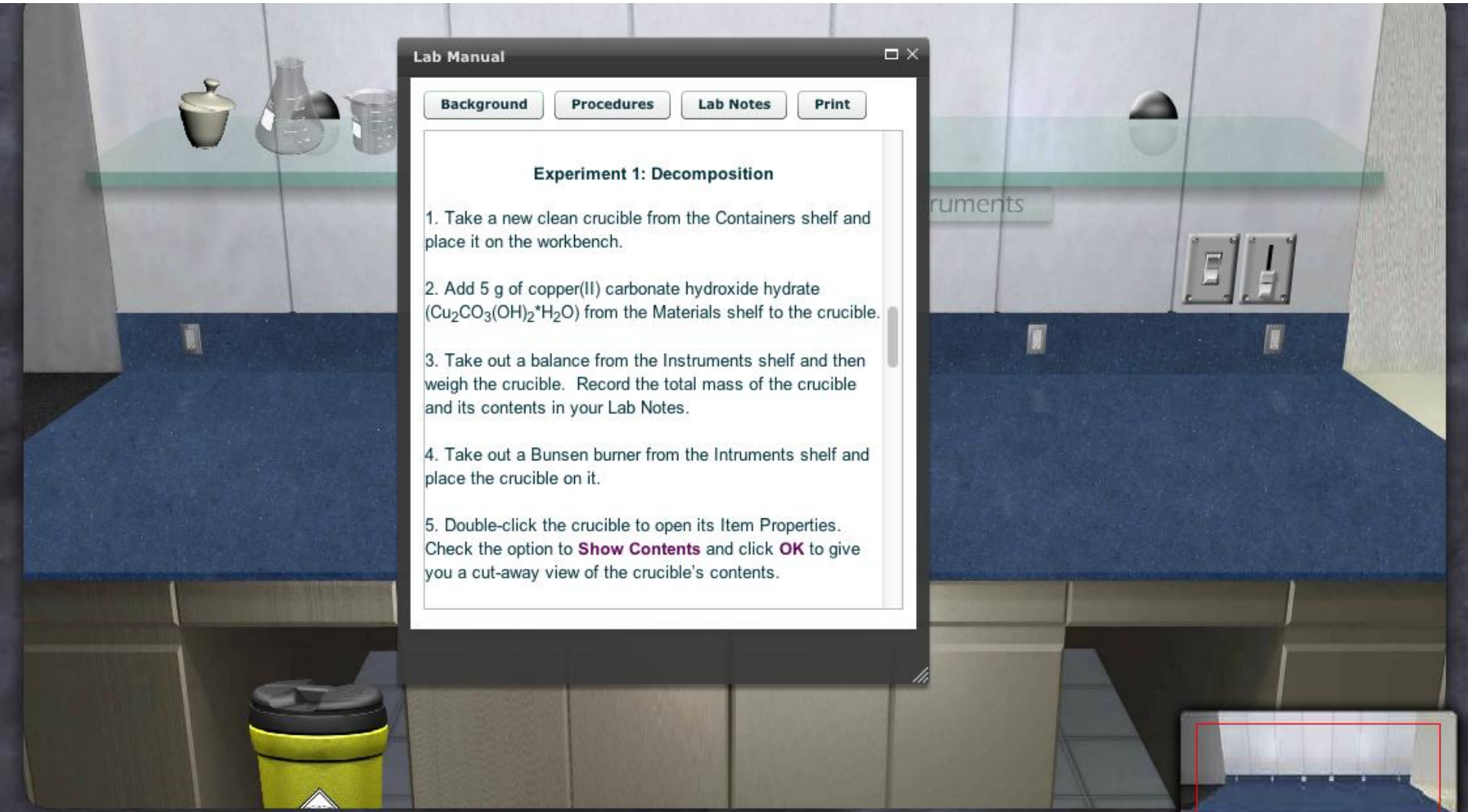
The frequency changes with respect to the frequency at rest, becoming either higher or lower depending on whether it is moving toward or away from you.

**Note: mph = miles per hour

Sapling Learning's visually rich problems challenge students at every level, allowing them to be actively involved in the learning process.

Tutorials are offered throughout to allow students to work step-by-step through complex questions, enhancing their problem-solving learning experience.

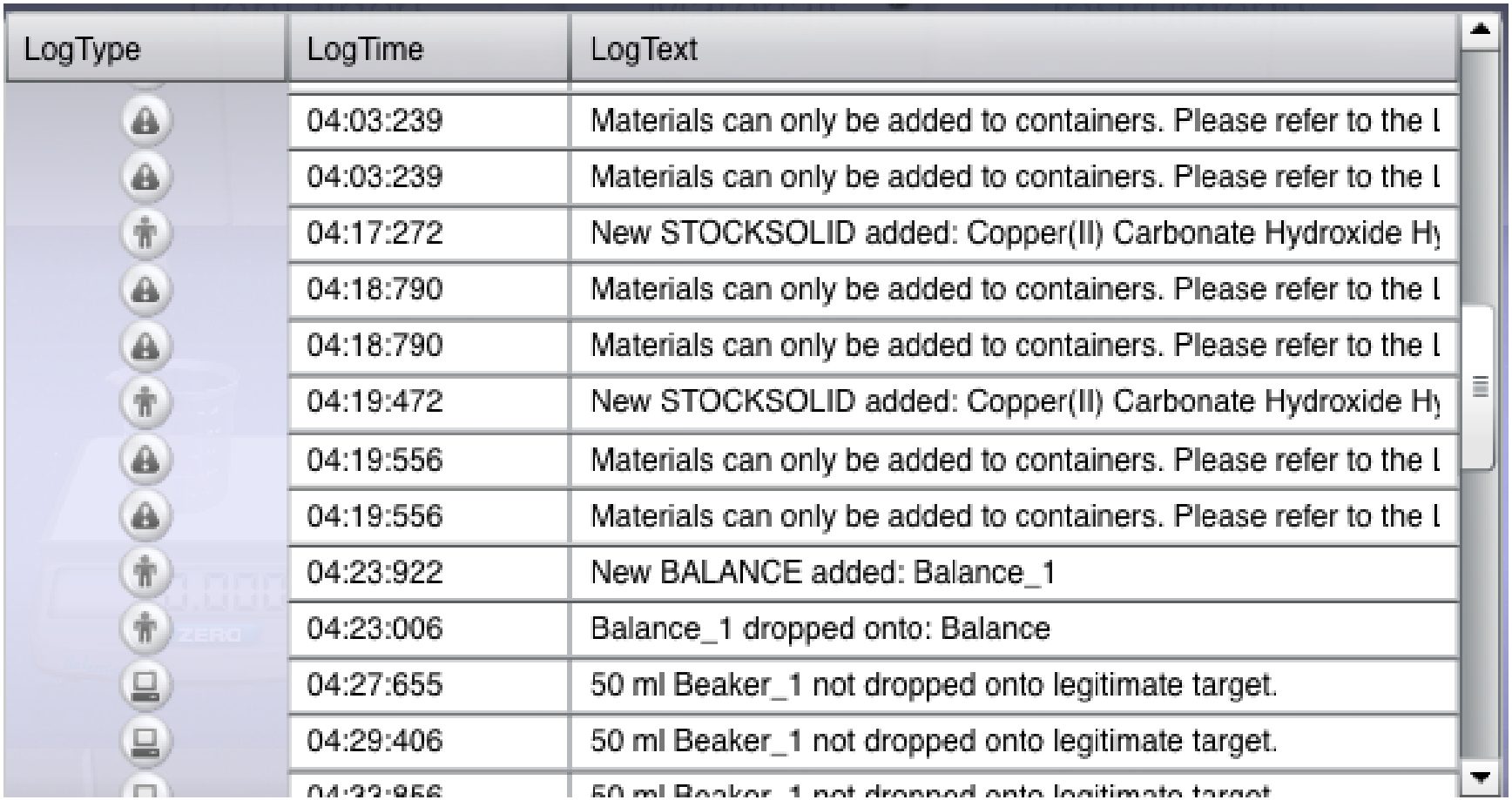
Late Nite
LABS


Lab Manual
Background
Procedures
Lab Notes
Print
Experiment 1: Decomposition
1. Take a new clean crucible from the Containers shelf and place it on the workbench.
2. Add 5 g of copper(II) carbonate hydroxide hydrate ($Cu_2CO_3(OH)_2*H_2O$) from the Materials shelf to the crucible.
3. Take out a balance from the Instruments shelf and then weigh the crucible. Record the total mass of the crucible and its contents in your Lab Notes.
4. Take out a Bunsen burner from the Intruments shelf and place the crucible on it.
5. Double-click the crucible to open its Item Properties. Check the option to Show Contents and click OK to give you a cut-away view of the crucible's contents.

Containers
Materials
Instruments

LABS
Chemistry Demo
Containers
Materials
Instruments

Late Nite
LABS
Chemistry Demo
Containers
Materials
Instruments
ZERO
MODE
0.000
00:06:01



LogType	LogTime	LogText
	04:03:239	Materials can only be added to containers. Please refer to the l
	04:03:239	Materials can only be added to containers. Please refer to the l
	04:17:272	New STOCKSOLID added: Copper(II) Carbonate Hydroxide Hy
	04:18:790	Materials can only be added to containers. Please refer to the l
	04:18:790	Materials can only be added to containers. Please refer to the l
	04:19:472	New STOCKSOLID added: Copper(II) Carbonate Hydroxide Hy
	04:19:556	Materials can only be added to containers. Please refer to the l
	04:19:556	Materials can only be added to containers. Please refer to the l
	04:23:922	New BALANCE added: Balance_1
	04:23:006	Balance_1 dropped onto: Balance
	04:27:655	50 ml Beaker_1 not dropped onto legitimate target.
	04:29:406	50 ml Beaker_1 not dropped onto legitimate target.
	04:33:856	50 ml Beaker_1 not dropped onto legitimate target.

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