

Virtual labs PhET
By M.E. Mohammed Mehdi Saleh

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
جامعة الأنبار



شعبة ابن سينا للتعليم الالكتروني

تقدم

Virtual Labs

المختبرات الافتراضية PhET
اعداد : م.م. محمد مهدي صالح

Simulations

► **New Sims**

- HTML5
- Physics
- Biology
- Chemistry
- Earth Science
- Math
- By Grade Level
- By Device
- All Sims
- Translated Sims

Teaching Resources

- Research
- Accessibility
- Donate

اختر التخصص
Choose the specialty



Be an HTML5 Hero!

By converting our sims to HTML5, we make them seamlessly available across platforms and devices. Whether you have laptops, iPads, chromebooks, or BYOD, your favorite PhET sims are always right at your fingertips.

Become part of our mission today, and transform the learning experiences of students everywhere!

DONATE

New Sims

Expression Exchange

Graphing Slope-Intercept

Function Builder: Basics

قائمة التخصصات المتوفرة
The list of specialties available

Simulations

New Sims
HTML5
Physics
Biology
Chemistry
Earth Science

Math

Math Concepts
Math Applications

By Grade Level
By Device
All Sims
Translated Sims

Teaching Resources

Research
Accessibility
Donate



Area Builder



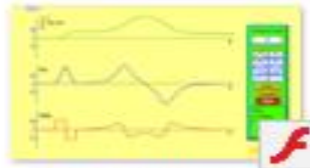
Arithmetic



Balancing Act



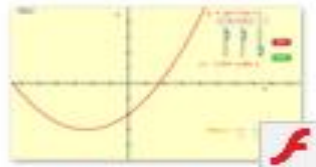
Build a Fraction



Calculus Grapher



Curve Fitting



Equation Grapher



Estimation



Expression Exchange



Fourier: Making Waves



Fraction Matcher



Fractions Intro



Function Builder



Function Builder: Basics



Graphing Lines

مختبر الرياضيات في PhET يحتوي
على قسمين :

- Math concepts
- Math applications

- 1- اختر القسم المطلوب .
- 2- للانتقال الى التجربة انقر على التجربة المطلوبة .

Simulations

New Sims

HTML5

► Physics

► Motion

Sound & Waves

Work, Energy & Power

Heat & Thermo

Quantum Phenomena

Light & Radiation

Electricity, Magnets & Circuits

Biology

Chemistry

Earth Science

► Math

► Math Concepts

Math Applications

By Grade Level

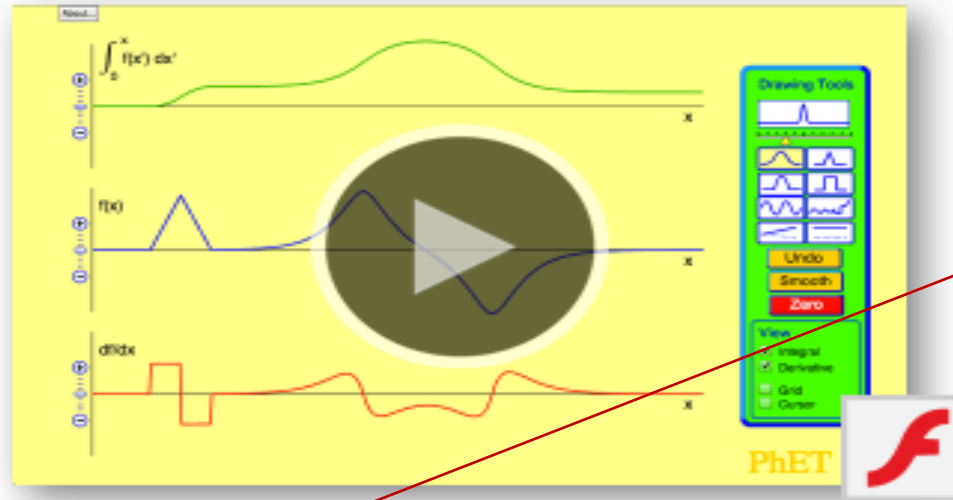
Elementary School

Middle School

► High School

► University

Calculus Grapher



- Derivative
- Integral

قم بتحميل التجربة
Download the experiment

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- ABOUT
- FOR TEACHERS
- TRANSLATIONS
- RELATED SIMULATIONS
- SOFTWARE REQUIREMENTS

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► **Motion**

- Sound & Waves
- Work, Energy & Power
- Heat & Thermo
- Quantum Phenomena
- Light & Radiation
- Electricity, Magnets & Circuits

- Biology
- Chemistry
- Earth Science

► **Math**

► **Math Concepts**

Math Applications

By Grade Level

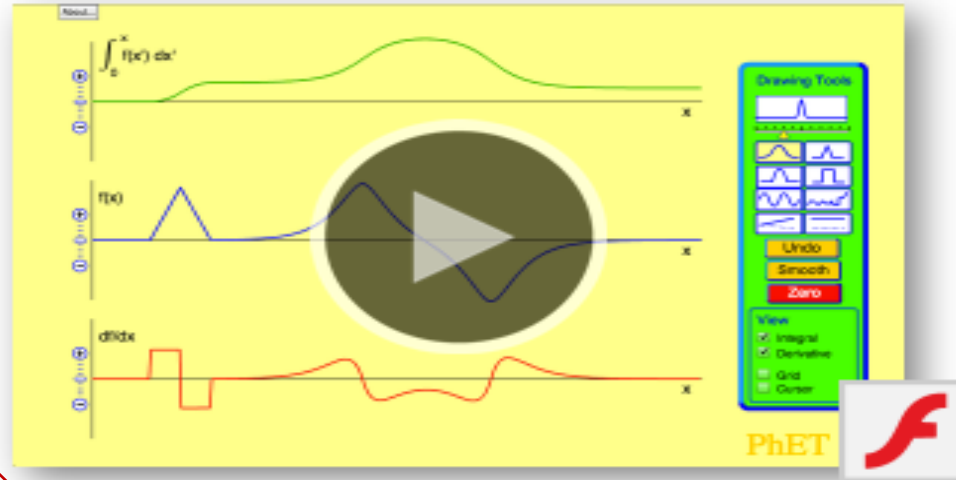
Elementary School

Middle School

► **High School**

► **University**

Calculus Grapher



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EMBED

- Derivative
- Integral

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- 1 ► **ABOUT**
- 2 ► **FOR TEACHERS**
- 3 ► **TRANSLATIONS**
- 4 ► **RELATED SIMULATIONS**
- 5 ► **SOFTWARE REQUIREMENTS**
- 6 ► **CREDITS**

- ١- شرح التجربة
- ٢- لاجل الأستاذ
- ٣- تغيير لغة التجربة
- ٤- تجارب ذات صلة
- ٥- البرامج المطلوب تنصيبها
- ٦- المصممين

قم بفتح الملف لتظهر لك الشاشة ادناه
انقر على تشغيل
ملاحظة: يجب تنصيب برنامج (جافا)
لتشغيل المختبرات

Do you want to run this application?



Name: PhET Simulation

Publisher: University Of Colorado at Boulder - ...

Location: <https://phet.colorado.edu>

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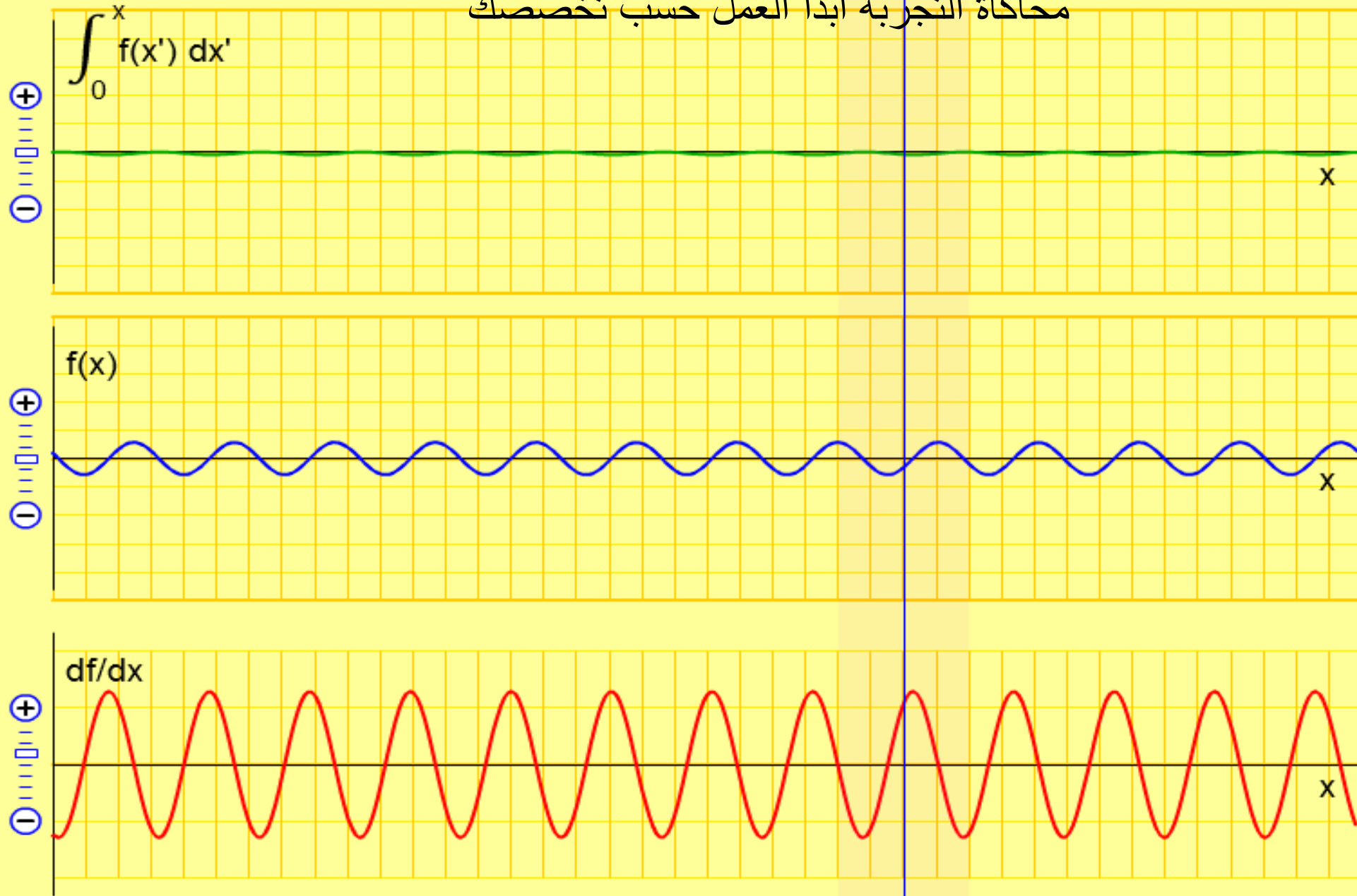


More Information

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محاكاة التجربة ابدأ العمل حسب تخصصك



Drawing Tools

Undo
Smooth
Zero

View

- Integral
- Derivative
- Grid
- Cursor