Virtual labs PhET
By M.E. Mohammed Mehdi Saleh

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
جامعة الانبار

شعبة ابن سينا للتعليم الالكتروني

تقدم

Virtual Labs

المختبرات الافتراضية PhET

اعداد : م.م.محمد مهيدي صالح

PhET INTERACTIVE SIMULATIONS

University of Colorado Boulder

اختر التخصص
Choose the specialty

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

Teaching Resources
Research
Accessibility
Donate

قائمة التخصصات المتوفرة
The list of specialties available

PhET for Every Classroom

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.

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New Sims

Expression Exchange

Graphing Slope-Intercept

Function Builder: Basics

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انقر على التجربة المطلوبة

Click the required experiment

- Simulations
  - New Sims
  - HTML5
  - Physics
  - Biology
  - Chemistry
  - Earth Science
  - Math
  - By Grade Level
  - By Device
  - All Sims
  - Translated Sims
- Teaching Resources
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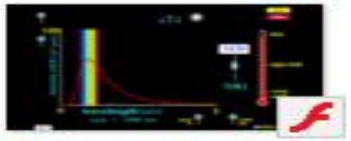
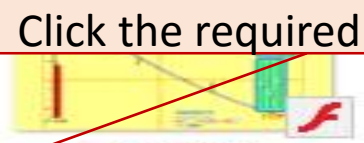
- Donate

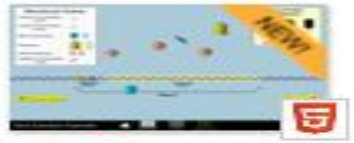

Blackbody Spectrum

Color Vision


Curve Fitting

Density

Eating & Exercise



Gene Expression Essentials

Gene Machine: The Lac Operon

Membrane Channels

Molecular Motors

Molecule Polarity

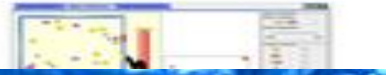
Natural Selection

Neuron

Optical Tweezers and Applications

pH Scale

Radioactive Dating Game



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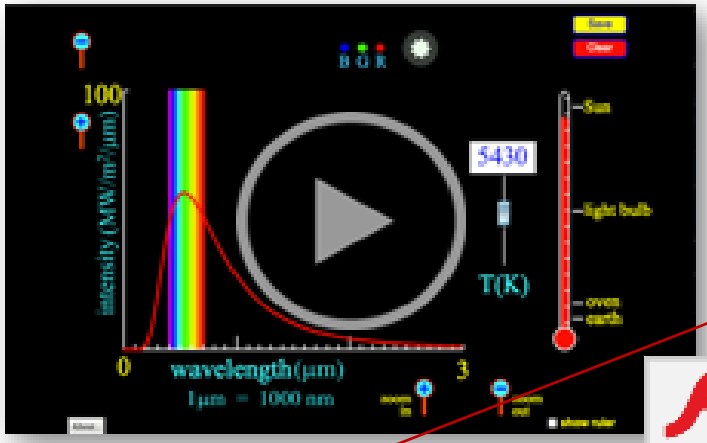
Simulations
- New Sims
- HTML5
- Physics
  - Motion
  - Sound & Waves
  - Work, Energy & Power
  - Heat & Thermo
  - Quantum Phenomena
  - Light & Radiation
  - Electricity, Magnets & Circuits
- Biology
- Chemistry
  - General Chemistry
  - Quantum Chemistry
- Earth Science
- Math
- By Grade Level
  - Elementary School
  - Middle School
  - High School
  - University

Blackbody Spectrum



- Blackbody
- Sun
- Light

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PhET

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and educators like you.

قم بتحميل التجربة
Download the experiment

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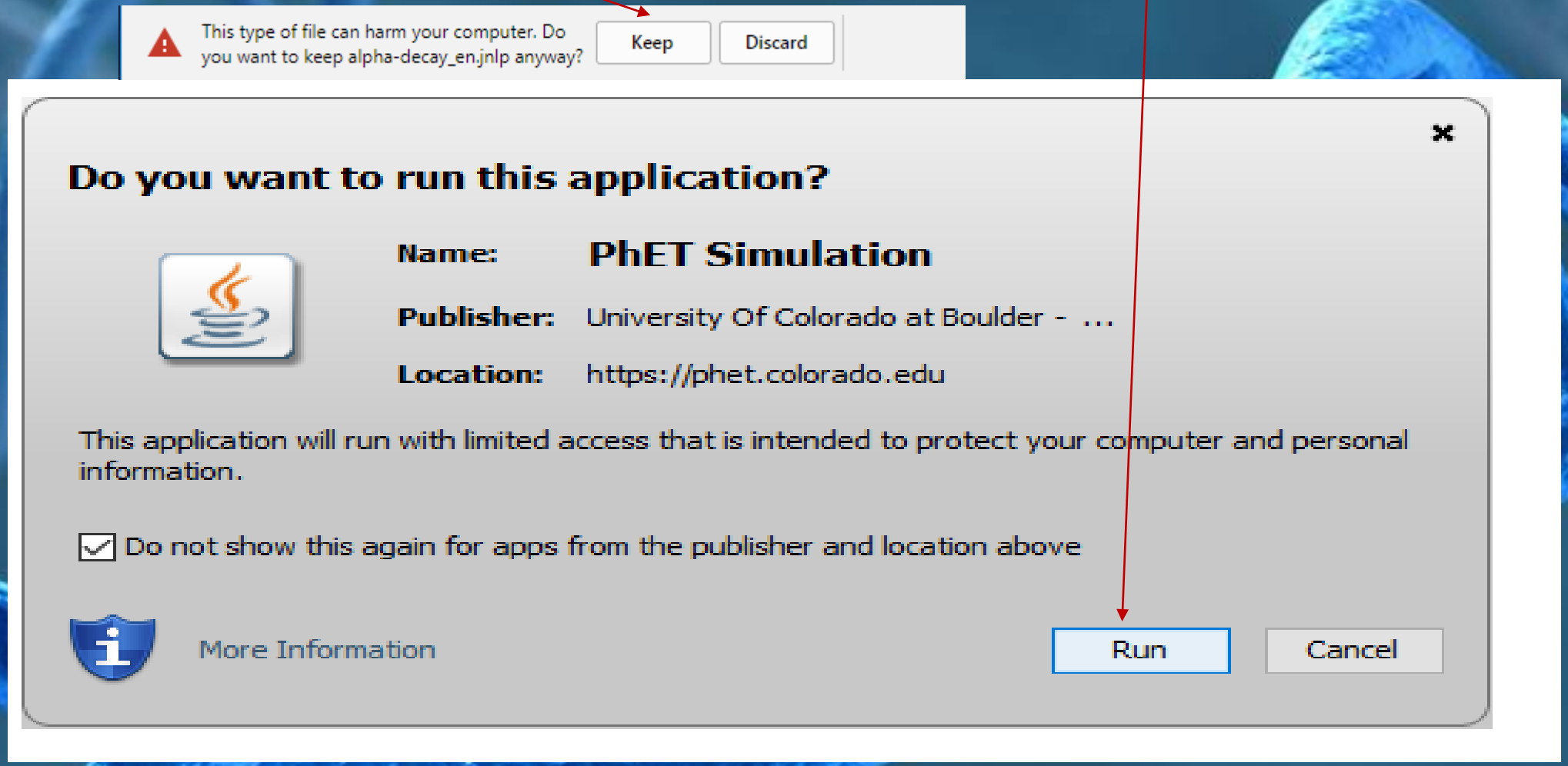
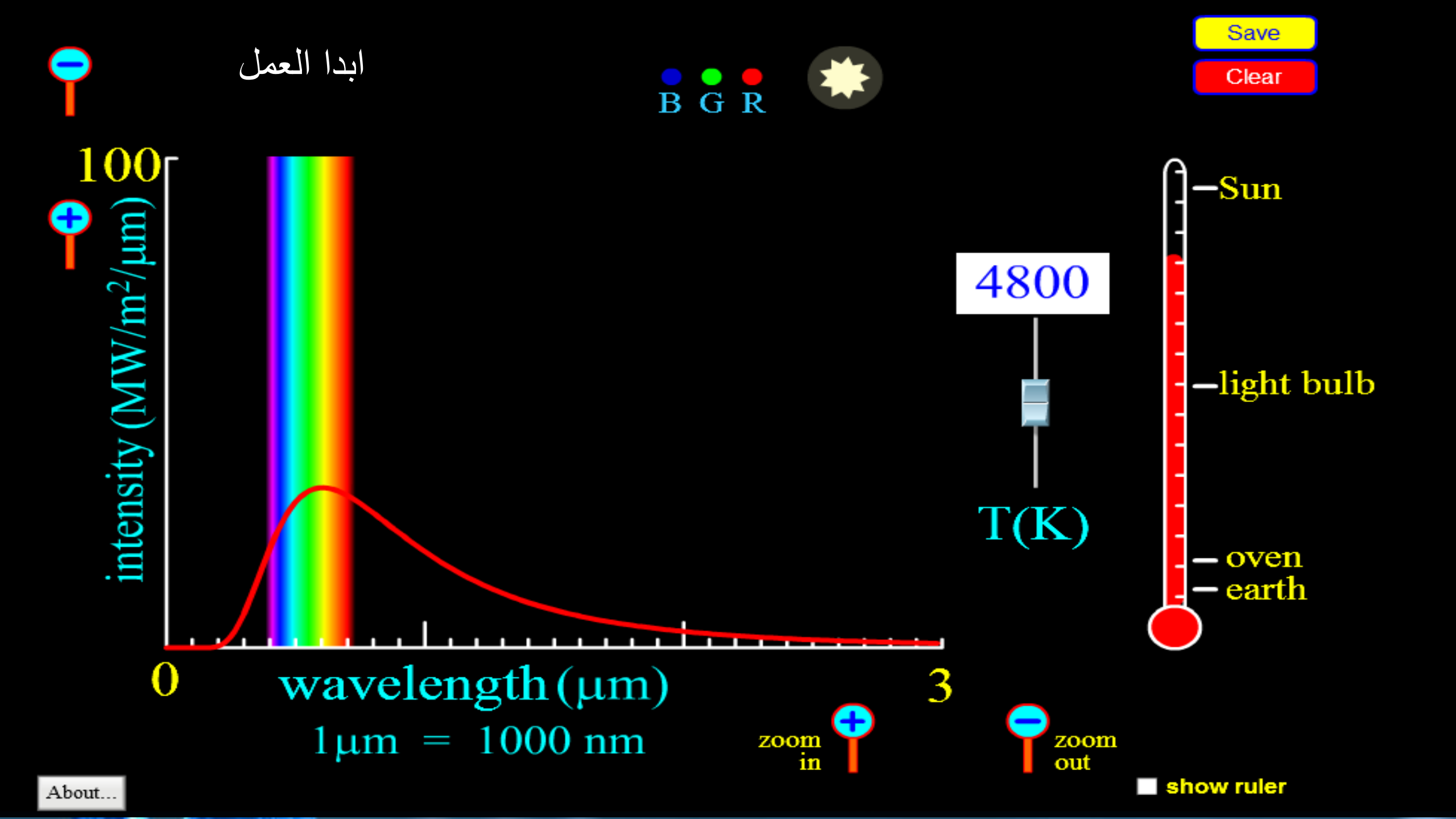
2. FOR TEACHERS
3. TRANSLATIONS
4. SOFTWARE REQUIREMENTS
5. CREDITS
6.

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

بعد تحميل التجربة انقر على حفظ
After download the experiment, click keep

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

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B G R
Save
Clear
100
intensity (MW/m²/μm)
0
wavelength (μm)
3
1μm = 1000 nm
4800
T(K)
Sun
light bulb
oven
earth
zoom in
zoom out
About...
show ruler