

Electronic Resources

The electronic resources that accompany this book include the following:

Science with TI-Nspire.pdf–Searchable PDF of the entire book

 **Student**–The PDF and Word subfolders contain files for each of the 33 student activities in this book. **Note:** The Word folder includes a subfolder for TI-Nspire key fonts. Some of the activities make use of these fonts. For these files, it is necessary to move the fonts into your system font folder so the characters can be rendered appropriately.

 **Teacher**–PDF for each of the teacher information files

 **TNS Files**–Contains the TI-Nspire (.tns) files for each of the 33 student activities

 **Other Sensors**

 **CBR2-Go!Motion**–Versions of Activities 26, 27, 29, and 30 that use a CBR 2 or Go!Motion motion detector instead of a standard Motion Detector used with an interface

 **EasyTemp-Go!Temp**–Versions of Activities 1, 7, 8, 18, 20 and 24 that use an EasyTemp or Go!Temp temperature probe instead of the Stainless Steel Temperature Probe used with an interface

 **TI Light Probe**–A version of Activity 6 that uses a Texas Instruments Light Probe instead of the Vernier Light Sensor

 **Voltage Probe**–A version of Activity 31 that uses a ± 10 V Voltage Probe instead of the Vernier Differential Voltage Probe

Using the TNS Files

The TNS files have been preconfigured to match each activity. Data collection parameters and document formatting have been set up in advance to help facilitate the activity. Students open the file, connect the sensor(s) to the handheld or computer, and collect data. Additionally, the files include all of the questions presented in the lab, allowing students to enter their answers directly in the file. Teachers using the TI-Nspire Navigator system or TI-Nspire CX Docking Station can electronically collect the student responses for grading and class discussion.

As lab instructions are not included in the TNS files, the TNS files are intended to be used in conjunction with the student version of the activity.

For handhelds–Use the TI-Nspire Computer Link, TI-Nspire Navigator, or TI-Nspire computer software to transfer the TNS files to your TI-Nspire handhelds. Open the file on your handheld. These files can be used with any TI-Nspire handheld (CX II, CX, Touchpad, or Clickpad) running software version 3.0 or newer.

For computers–Start the TI-Nspire software, then open the file of your choice from the Science with TNS Files folder. Files can be opened directly or copied onto your hard drive first. These files can be used with TI-Nspire software (version 3.0 or newer).