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21st Century Astronomy's
 new Animations help students
 master core concepts.

Developed specifically for the Second Edition of *21st Century Astronomy*, these lessons animate 18 core concepts central to astronomy and use interactivity to test students' mastery.

Animations illustrate specific sections of the text

A. The Celestial Sphere and the Ecliptic	Text Section 2.2
B. The Earth Spins and Revolves	Text Sections 2.2 and 2.3
C. The Moon's Orbit: Eclipses and Phases	Text Section 2.4 and 2.5
D. Kepler's Laws	Text Section 3.2
E. Newton's Laws and Universal Gravitation	Text Section 3.5
F. Light as a Wave, Light as a Photon	Text Section 4.2, 4.4
G. Doppler Effect	Text Section 4.4
H. Atomic Energy Levels and the Bohr Model	Text Section 4.4
I. Atomic Energy Levels and Light Emission and Absorption	Text Section 4.4
J. Geometric Optics and Lenses	Text Section 5.1
K. Solar System Formation	Text Section 6.1–6.4
L. Processes That Shape the Planets	Text Section 7.2, 7.3, 7.5, 7.7
M. Tides and the Moon	Text Section 10.2, 10.3
N. Solar Spectrum	Text Section 13.3
O. The HR Diagram	Text Section 13.5
P. The Solar Core	Text Section 14.2
Q. Star Formation	Text Sections 15.3, 15.4
R. Hubble's Law	Text Sections 20.2, 20.3, 20.4

There are a variety of ways to access the Animations

- Available free from the StudySpace student website at www.wwnorton.com/astro21
- Integrated into SmartWork homework assignments

Or ready for classroom presentation as a part of the PowerPoint resources on the Norton Media Library CD-ROM