

RESOURCE GUIDES FOR ASTRONOMY EDUCATORS

by Andrew Fraknoi (2023)

Guides On Teaching Astronomy:

Essential Websites for Astro 101 Instructors: <http://bit.ly/astro101sites>

Sources of Astronomy Images for Instructors: <http://bit.ly/astroimage>

Short Videos for Each Topic in Astronomy 101: <http://bit.ly/shortastronomyvideos>

Topical Index to Free Astronomy Labs on Line: <http://bit.ly/astronomylabs>

Using Humor in Astronomy Teaching: <http://bit.ly/astrohumor>

Web-based Activities on Eclipses, Sun, and Moon: <http://bit.ly/teacheclipse>

Resources for Astronomers to do Outreach: <http://bit.ly/AASMOOSE>

Astronomy Outreach and Education When You Can't Go Out: <http://bit.ly/astrooutreach>

Guides On Diversity:

The Contributions of Women to Astronomy: <http://bit.ly/womenastronomers>

Black Lives in Astronomy: <http://bit.ly/blackastro>

The Astronomy of Many Cultures: <http://bit.ly/astrocultures>

Guides On Interdisciplinary Approaches:

Science Fiction Stories with Good Astronomy: <http://bit.ly/astronomyscifi>

Music Inspired by Astronomy: <http://bit.ly/astronomymusic>

Plays and Films about Astronomers: <http://bit.ly/astronomyplays>

Responding to Astronomical Pseudo-science: <http://bit.ly/astropseudoscience>

Skeptical Approaches to UFOs: <http://bit.ly/ufoskeptic>

This Day in Astronomical History (158 events): <http://bit.ly/astrodates>

Connecting Eclipses with the Humanities: <http://bit.ly/eclipsesand>

Miscellaneous Guides:

Light Pollution (plus Radio Interference and Satellite Swarms): <http://bit.ly/darkskyguide>

Copyright-free Images of all Messier Objects: <http://bit.ly/messierimages>

Subject Index to *Astronomy & Sky & Telescope* (2018-22): <http://bit.ly/astromagazineindex>

Some Useful Readings:

Seven Concepts for Effective Teaching: <http://bit.ly/teachingconcepts>

An Astronomer Looks at Astrology Skeptically: <http://bit.ly/astrologydebunked>

How High Up is Space (Activity): <http://bit.ly/howhighspace>

Frank Drake on How He Came up with the Drake Equation: <http://bit.ly/drakearticle>

Clyde Tombaugh on How He Discovered Pluto: <http://bit.ly/tombaugh>

Unwelcome Reply (humorous SETI science fiction story): <http://bit.ly/unwelcomereply>

Cave in Arsia Mons (science fiction story about Mars): <http://bit.ly/fraknoicave>

Library Booklet on the 2023-24 US Eclipses: <http://bit.ly/eclipsesforlibraries>

Booklet on the 2023-24 Eclipses for Science Teachers: <http://bit.ly/eclipsesforteachers>

Free Online Intro Astro Textbook: <https://openstax.org/details/books/astronomy-2e>