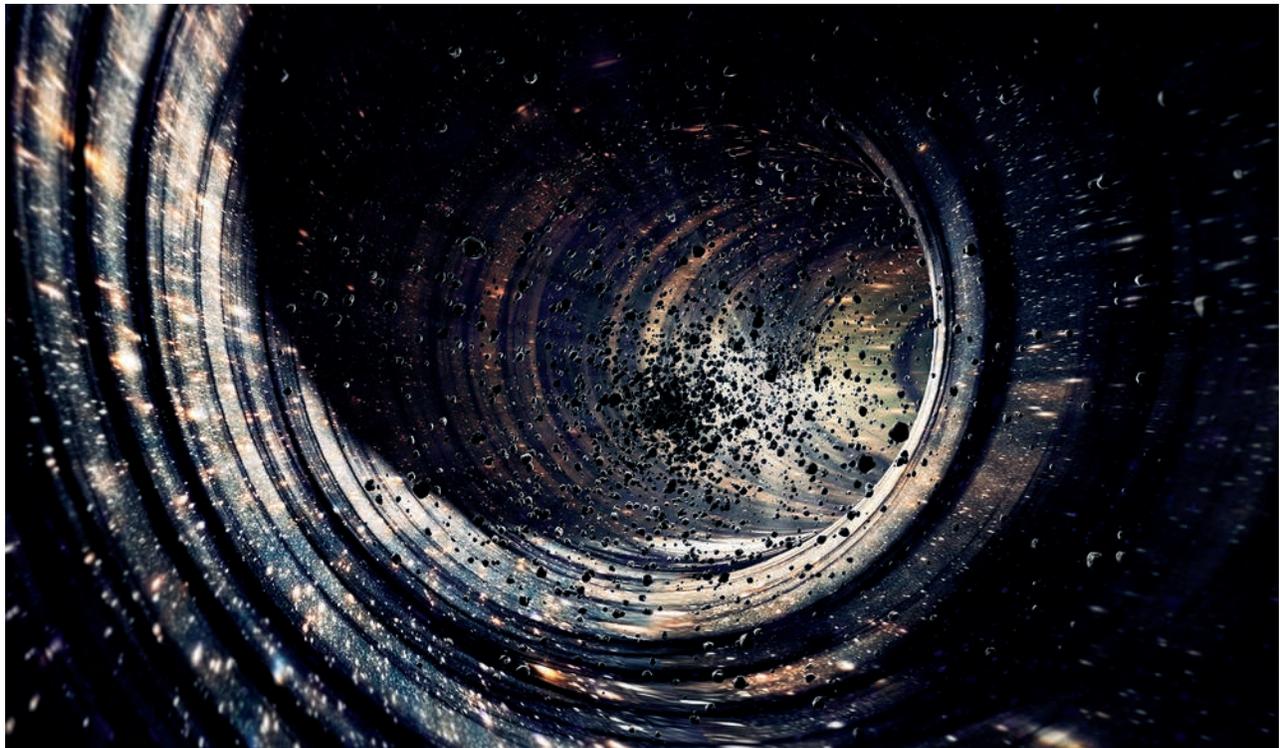# *Mathemagical Black Holes 1, 153, 370, 371, 407 and Cyclical*

*by Bob Albrecht and George Firedrake*

## Information Age Education

**https://i-a-e.org/downloads/free-ebooks-by-bob-albrecht/324-mathemagical
-black-holes-1-153-370-371-407-and-cyclical-1/file.html**



From Information Age Education (IAE) (https://iae-pedia.org) comes a free e-book fulfilling IAE's mandate to help improve the education of people of all ages worldwide. Written by Bob Albrecht and George Firedrake, *Mathemagical Black Holes 1, 153, 370, 371, 407 and Cyclical* offers fantastical explorations and wonder that will lead you to explore more about black holes.

The e-book is a treasure trove of exciting mathematical explorations. Go to page 50 for "A Capricious Collection of Our Turns and Your Turns," where you will learn about sidereal days, tropical days (solar days), sidereal years, tropical years (solar years), calendar normal years, calendar leap years, Julian years and, finally, Gregorian years.

Download this and other e-books by Bob Albrecht at http://i-a-e.org/downloads/cat_view/86 -free-ebooks-by-bob-albrecht.html. Find out other ways you can use this material under the Creative Commons Attribution–NonCommercial–ShareAlike licence at http://creativecommons.org/licenses/by-nc-sa/4.0/.