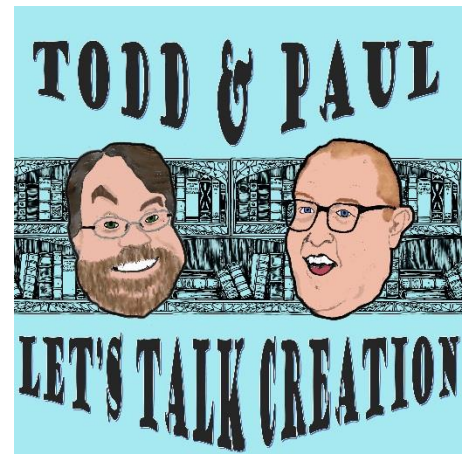


In this episode:

THE LEAKY FAUCET: EXPLORING THE BASICS OF RADIOMETRIC DATING







SUMMARY:

What are the dating methods geologists use to date rocks? How do these methods work and are they reliable? Join Todd and Paul on this episode as they begin to answer these questions. Learn the basic principles and assumptions behind these methods and why they are used to date rocks.

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*Show Notes

0:21 Introduction: A complicated topic

2:08 Paul has a rock. How old is it?

8:52 How do we know how old things are? What do we do with these dates that go against a young earth?

12:15 How radiometric dating works

17:10 The difficulty of making the topic understandable

23:22 The example of the leaky faucet

28:40 The assumptions made in figuring out how long the faucet has been leaking

32:10 Interlude

32:32 Get your copy of [The New Creationism](#) by Paul Garner today

32:58 How to apply the principles and assumptions of the leaky faucet to other processes

37:18 How geologists date rocks

42:21 The chemical process of radiometric decay

48:09 What are half-lives?

54:53 Returning to the leaky faucet

57:14 With all the assumptions, how consistent are these dating methods?

1:04:26 Check out more info about the podcast at coresci.org/podcast

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