

## A Logical View Of Gravity

### A Brief Sample

#### Why I Wrote This

As you read this, don't expect a scientific thesis with page after page of formulas, equations and higher mathematics. While not mathematical, there is a level of math. That cannot be avoided.

This is a logic based summation of my thinking about gravity. I begin with a discussion of what I heard when I was in grade school science classes -- "*All objects fall at the same speed.*" That was a given absolute. And it didn't feel right. It has bothered me ever since.

For want of a better phrase, this article is the result of an itch I've had for a very long time. At some point, as I refined my thinking about gravity and what it is and how it does what it does, I had to put it to paper to force me to bring all my thoughts to a sharp focus.

For as long as I can remember, I have been fascinated by all of the physical sciences. I attended college at Wright State University in Dayton, Ohio and obtained an MS in geology. As an oil industry geologist, I found the hunt for oil reserves, to be the most interesting aspect of the field.

The task of an exploration geologist is to take stray bits of information, bring them together and form a picture of the geologic structures that exist as deep as 10,000 feet below the surface. I viewed the exploration process as being very much like a treasure

hunt: sorting through a maze of information, taking the bits which were needed, discarding what was not needed, then making a logical argument concerning the size, location and depth of the prospect. I found that intriguing.

I applied that same love of the quest to my fascination with gravity.

I begin with the discussion of that grade school lesson – “*All objects fall at the same speed.*”

Once my interest was piqued, I had to figure it out. *What is gravity?*

What I present here is a building process. I discuss the question of why falling objects *seem* to fall at the same speed. Then I move on to an observation of a solar total eclipse in 1919. I look at the eclipse in a way I have not seen before. From that observation, I conclude a logical explanation of how gravity works. This may come off as arrogant, but I point out how the explanations I have seen for years do not work for me. This presentation of what gravity is and why it does what it does, is one I have never seen before.

Then, using that “Logical Conclusion,” I look deeper into the what, how and why of gravity. By using that logical conclusion as a foundation, I expand it slightly to discuss another idea. Once I have explained that idea, which was based on a logical conclusion, I moved on to another idea. Step-by-step, I built on the idea of what gravity is and took it the concept of Dark Energy and how it fits into gravity. Then, I discuss Black Holes and the reason no light can escape from them.

This paper is the result of several years of thinking, considering and developing. If

Stephen Hawking were to read this, he may quite possibly think it is off the mark. But these are my ideas. I firmly believe the reality of gravity to be what is written here, or the reality is very close to this.

Even though my thoughts and comments are speculative, all aspects are presented in a logical, positive manner.