

# Latest AI News

## Arithmetic is an underrated world-modeling technology by dynomight

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URL: <https://www.greaterwrong.com/posts/r2LojHBs3kriafZWj/arithmetic-is-an-underrated-world-modeling-technology>

Summary: The article discusses the significance of arithmetic as a world-modeling technology rather than merely a tool for calculation. It emphasizes the simplicity and intuitive nature of arithmetic, and its relevance in understanding complex scientific concepts. The author critiques the lack of practical arithmetic understanding among the populace, particularly in relation to experiments such as testing nutrition on animals like chimpanzees. Through a detailed cost analysis of conducting a study on the impact of salt on chimp lifespans, the article highlights the importance of maintaining units in calculations to avoid errors and clarify results. A significant monetary figure is presented to illustrate the challenges of conducting such experiments due to the expenses involved. The discussion shifts to alternative methods of energy storage, illustrating how gravitational energy can be calculated using mass, height, and gravity, while advocating for keeping units consistent throughout the process. The author provides further calculations on the feasibility of constructing large blocks for energy storage, utilizing different materials and emphasizing the need for comprehensible calculations to achieve viable solutions. The article concludes with a light-hearted take on the practicality and eccentricity of such large-scale projects, suggesting imaginative yet costly options for energy storage.