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physics science that deals with the structure of matter and the interactions between the fundamental constituents of the observable universe its scope of study encompasses not only the behavior of objects under the action of forces but also gravitational electromagnetic and nuclear force fields physics is the natural science of matter involving the study of matter its fundamental constituents its motion and behavior through space and time and the related entities of energy and force physics is one of the most fundamental scientific disciplines with its main goal being to understand how the universe behaves ok so boiling physics down to only two things is admittedly a bit of a gross simplification and glosses over some of the finer points of what physicists do and how they do it but trying to describe a complex universe with simple and useful clarifying laws is what physics is all about introduction to physics google classroom microsoft teams about transcript an overview of what physics is about as we delve deeper in future videos how physics is related to math the other sciences and the world around us questions tips thanks this module discusses the realm of physics to define what physics is some applications of physics to illustrate its relevance to other disciplines and more precisely what constitutes a physical law to illuminate the importance of experimentation to theory what is physics mr andersen explains the importance of physics as a science history and virtual examples are used to give the discipline context physics uses the scientific method to help uncover the basic principles governing light and matter and to discover the implications of those laws this module discusses the realm of physics to define what physics is some applications of physics to illustrate its relevance to other disciplines and more precisely what constitutes a physical law to illuminate the importance of experimentation to theory physics can be intimidating and people often want to know about the prerequisites to start learning physics listed below is a rough guide for the bare minimum of what you should know before taking particular physics classes in this text you will begin to explore the history of the formal study of physics beginning with natural philosophy and the ancient greeks and leading up through a review of sir isaac newton and the laws of physics that bear his name in this text you will begin to explore the history of the formal study of physics beginning with natural philosophy and the ancient thinkers from the middle east and the mediterranean and leading up through a review of sir isaac newton and the laws of physics that bear his name physics is the science aimed at describing the fundamental aspects of our universe this includes what things are in it what properties of those things are noticeable and what processes those things or their properties undergo in simpler terms physics attempts to describe the basic mechanisms that make our universe behave the way it does the physics classroom serves students teachers and classrooms by providing classroom ready resources that utilize an easy to understand language that makes learning interactive and multi dimensional physics is the science of nature or that which pertains to natural objects which deals with the laws and properties of matter and the forces which act upon them the latest news in physics materials science quantum physics optics and photonics superconductivity science and technology updated daily revise gcse igcse and a levels past papers exam questions by topic revision notes worksheets and solution banks physics is the scientific study of matter and energy and how they interact with each other this energy can take the form of motion

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ok so boiling physics down to only two things is admittedly a bit of a gross simplification and glosses over some of the finer points of what physicists do and how they do it but trying to describe a complex universe with simple and useful clarifying laws is what physics is all about

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physics can be intimidating and people often want to know about the prerequisites to start learning physics listed below is a rough guide for the bare minimum of what you should know before taking particular physics classes

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physics is the science aimed at describing the fundamental aspects of our universe this includes what things are in it what properties of those things are noticeable and what processes those things or their properties undergo in simpler terms physics attempts to describe the basic mechanisms that make our universe behave the way it does

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