

Strategies for Achieving Application of Science in National Development

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Abstract : In a world filled with the products of scientific inquiry, scientific literacy has become a necessity for everyone because it is indispensable to achieving technological development of any nation. Everyone needs to use scientific information to make choices that arise every day. Everyone needs to be able to engage intelligently in public discourse and debate about important issues that involves science and technology. And everyone deserves to share in the excitement and personal fulfillment that can come from understanding and learning about the natural world. No doubt that industrialized countries have, through their control of science and technology education, developed the potential to increase production, and to improve the standard of living of their people. The main thrust of this paper therefore, is to present an overview of science education, strategies for achieving application of science in national development, such as teaching science with the right spirit of inquiry. Also, the paper discussed three research models that can help in national development and suggests the best out of the three which is more realistic for a developing country like ours (Nigeria) to follow for a sustainable national development and finally suggests some key ways of solving problems of development.

Keywords : scientific inquiry, scientific literacy, strategies, sustainable national development

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