

## Learning and Teaching Resources Related to Science

Theme	Documentary series: The Research Journey of Scientists – Accomplishment and Perseverance
Abstract	This documentary series contains four stories of local scientists, which introduce their achievements in the scientific and technological advancement at the international level and highlight their significant contributions to building up our scientific research development and enhancing our science and technology excellence. The videos also illustrate their admirable human qualities in the course of researches, such as diligence, perseverance, conscience and responsibility.
Learning Objectives	<ol style="list-style-type: none"> <li>1. To enable students to realise the attempts of scientists in the course of researches and even to go through the personal experience of scientists in their discoveries or inventions;</li> <li>2. To understand how scientific knowledge is constructed, especially on how scientists come up with innovative ideas to solve real life problems for the benefits of mankind; and</li> <li>3. To inspire students with the scientists' admirable human qualities in the course of researches, such as diligence, perseverance, conscience and responsibility.</li> </ol>
Related Positive Values and Attitudes	Perseverance / Diligence / Conscience / Responsibility / Commitment



The "Bright" Future of Scientific Research



Professor Vivian YAM Wing Wah  
Philip Wong Wilson Wong Professor in Chemistry and Energy and Chair Professor of Chemistry  
Department of Chemistry  
The University of Hong Kong



The Future of Rice



Professor Samuel SUN Sai Ming  
School of Life Sciences  
The Chinese University of Hong Kong



Soybean Homecoming



Professor LAM Hon Ming  
School of Life Sciences  
The Chinese University of Hong Kong



A New Dimension of Communication



Chair Professor LUK Kwai Man, Chair Professor CHAN Chi Hou and Professor XUE Quan  
Department of Electronic Engineering and State Key Laboratory of Millimeter Waves  
City University of Hong Kong