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| **SPONSOR**  **Royal BC Museum / CHEK Television**  *Vignette #3 - Clocks* |

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| Length: **1 x 60 seconds**  Writer: **Chad Sergeant**  Special Instructions: Artray | **COPY** |

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| video   * Open to full shot of large, old fashioned clock tower. (perhaps city hall, or older) * Cut to MCU of hands on clock face. * Cut to ECU of hands on clock face. * Dissolve from sundial to hour glass to water clock, (if available) * Dissolve to illustration of Clock mechanism with bell. * Dissolve to drawing of clockwork mechanism. * Dissolve to model of clockwork mechanism. * Dissolve to *interior*  of City Hall clock tower; get a variety of CUs focusing on moving gears, instruments, clock face etc. | Audio  ***(Generic Intro)***  **Annc’r**: How does a man who lived over 500 years ago,  reach *across* the centuries and affect our lives *today*?  Through the power of ideas.  Leonardo da Vinci was born in 1452,  but his impact on *our* world resonates still... **(:14)**  ***(Insert)***  Before Leonardo’s day, the length of an hour varied from 80 minutes in summer, to barely 40 in winter. The variety of instruments used to measure Time was the problem; from sundials and hourglasses to water-clocks. Leonardo lived to see the mechanical clock change all that. He endlessly sketched them, and came to believe *they too* could be improved. In time, the breakthrough came. Leonardo invented a spring drive mechanism, a clock that is wound up, and then slowly unwinds at a uniform rate using a spring. All mechanical wrist watches and clocks run on the exact same principle today. **(:34)**  ***(Generic Extro)***  **Annc’r:** This glimpse into the genius of Leonardo da Vinci has been  brought to you by the Royal BC Museum and the  Province of BC. **(:07)**  **Total: (:55)** |