

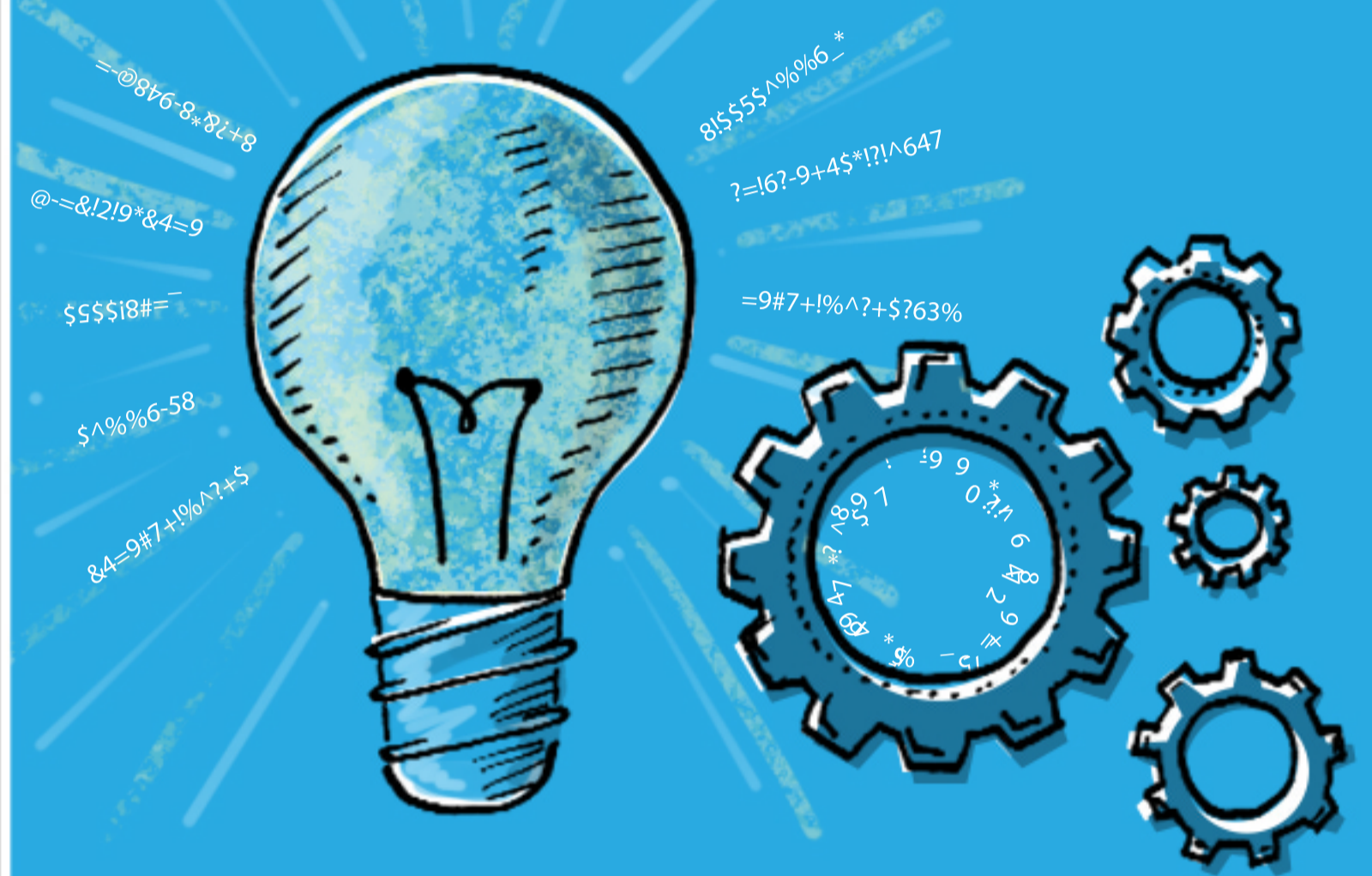
# WHY SUPPORT BASIC RESEARCH?

*Basic research is the endeavor to understand humanity and the natural world, and is conducted without specific consideration of an end product*

**Basic research leads to transformational practical applications**



**Basic research lays the foundation for our capacity to understand and innovate**



*"My methods are really methods of working and thinking; this is why they have crept in everywhere anonymously"*

Emmy Noether, mathematician (1931)

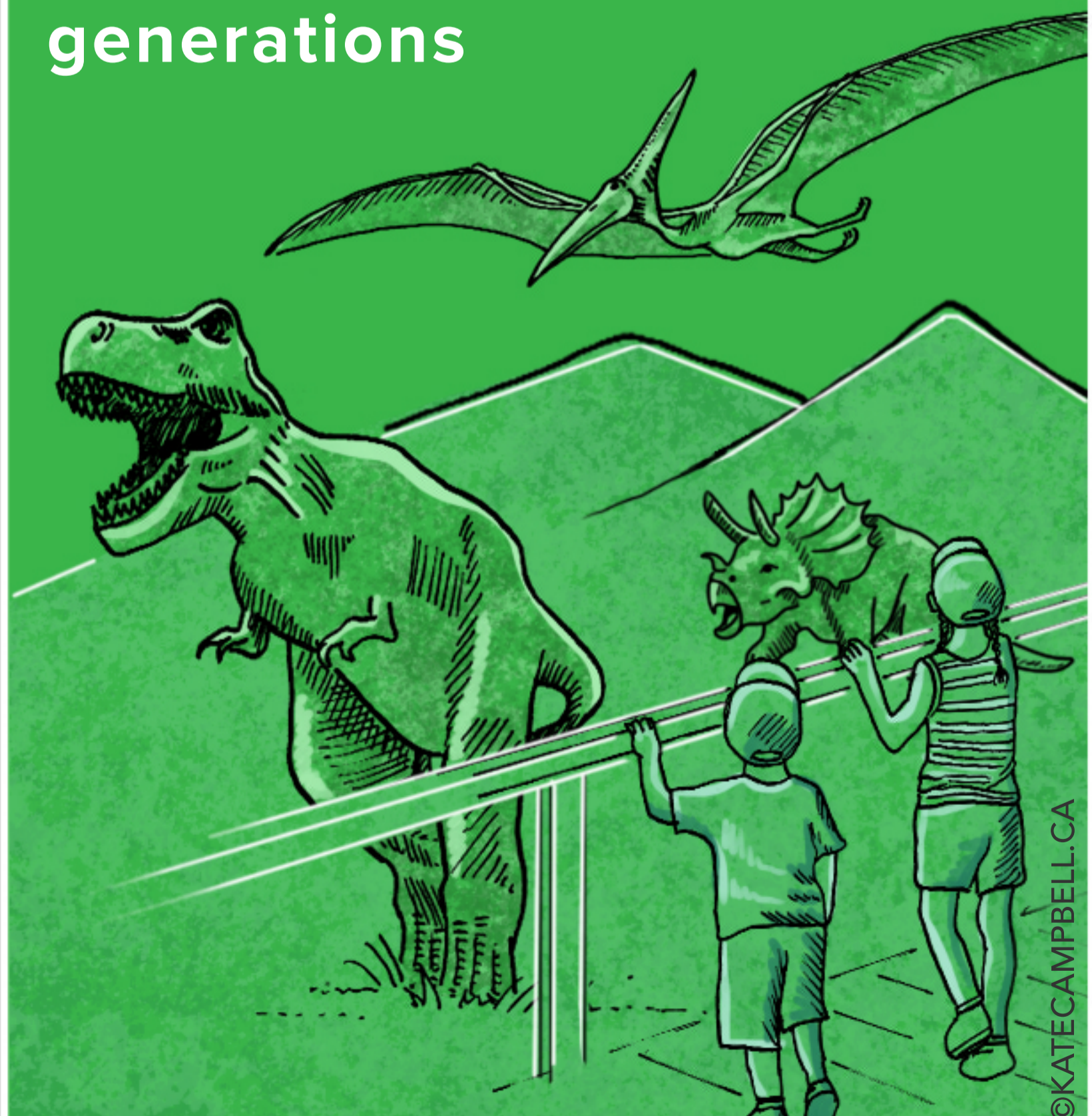
**Basic research inspires people to think broadly**



*"New Horizons is a true mission of exploration showing us why basic scientific research is so important"*

John Grunsfeld, NASA (2015)

**Basic research ignites curiosity in younger generations**



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