

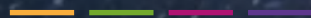
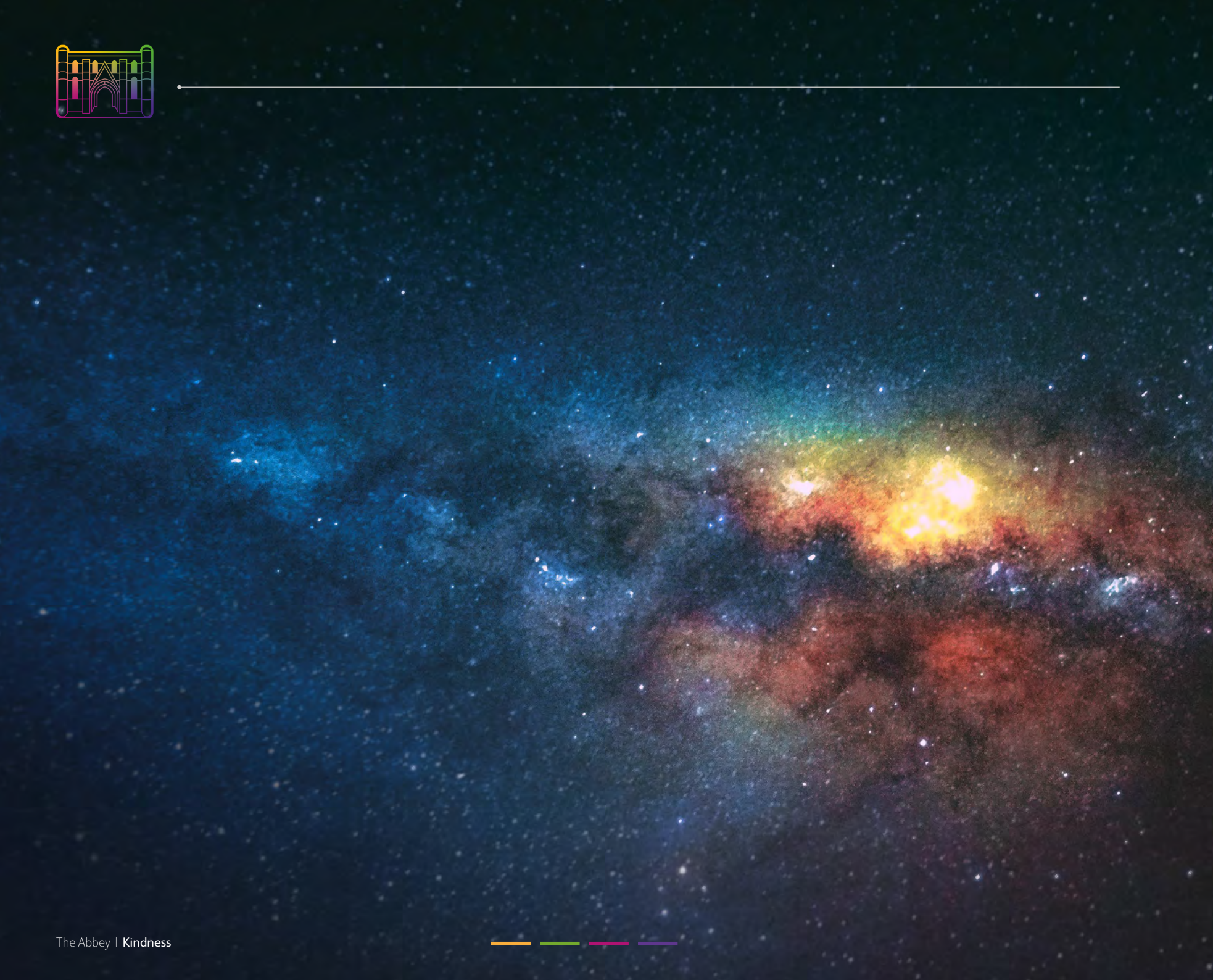
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KINDNESS



Is space exploration
kind to our planet?

Christina, Upper III (Year 7)





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For over 60 years humans have been exploring the vastness of space, but is this exploration kind to the Earth? This passage will explore whether or not space exploration is kind to the planet by looking at its benefits and disadvantages.

Space exploration enables humans to send up satellites and see the Earth on a larger scale. This means that humans are able to see the effects of global warming, which can then be monitored. More than 50% of climate data comes from satellites. There are also recent missions investigating destroying any comets or space debris that pose a threat to the Earth.

Despite these benefits, space exploration has its downsides. Billions of pounds are spent in creating and sending spacecraft into space. All of this money could be spent on tackling other causes. Additionally, tons of greenhouse gases are emitted into the atmosphere when spacecraft are launched. These trap heat in the atmosphere and cause air pollution. By launching spacecraft, the ozone layer is also depleted, meaning that more heat from the sun's rays hits Earth's surface.

Overall, space exploration can be kind to Earth by enabling humans to see the major damages of global warming and think on a planetary scale. However, each time a spacecraft is launched, long-lasting effects such as air pollution, depletion of the ozone layer and space junk are created, which harm the planet.



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