



Ted Alejandro, County Superintendent

San Bernardino County

Superintendent of Schools

Transforming lives through education



RIVERSIDE COUNTY OFFICE OF EDUCATION

JUDY D. WHITE, Ed.D. County Superintendent of Schools

Thursday, April 2

2:00pm

Blue Sky Metropolis “Part 4 – Back to the Future” – 4th thru 8th grade

The end of the Cold War brings massive layoffs but tech billionaires choose Southern California to launch their space companies. Though committed to the "democratization" of space, SpaceX and Virgin Orbit include the Pentagon as a major customer.

After watching this episode, choose from the following questions and/or tasks to extend your learning

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| <ul style="list-style-type: none"> • What are the effects of the end of the cold war? • How does private industry step in to fill the gap after the cold war? • What is the new era of space exploration? • What is the “democratization of space”? • Where are the plans of private industry in outer space? |
| <ul style="list-style-type: none"> • What are some possible jobs for your future that might not yet be needed? • In the future, how might space exploration/travel look different that today? |
| <ul style="list-style-type: none"> • Make a plan of action: If you could be one of the first to colonize a planet, what would your plans be for shelter, food and preparation for others to follow? • Include explanations, justifications, drawings and a timeline. |
| <ul style="list-style-type: none"> • Create a timeline that includes elements of the development of aviation, or changes to the industry, as well as the costs related to those developments. Add to your timeline as you explore all the episodes of <i>Blue Sky Metropolis</i> this week. |
| <ul style="list-style-type: none"> • Think like a scientist. Explore these websites. Think about what is needed to fulfill the goals of each company. • https://www.spacex.com/ • https://virginorbit.com/ |

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- For more information, explore:
- <https://www.sciencenewsforstudents.org/topic/space>
- <https://www.popsci.com/read/space-articles-for-kids>
- Space tourism is human space travel for recreational purposes. Orion Span is a space tourism company in the United States, which announced plans for their private commercial space station, the Aurora, to function as a space hotel. It would be able to host up to six space tourists at a time, and is set to launch in 2021.
 - Watch the following YouTube video: <https://youtu.be/58sfAvw9p4U>
 - Create your own space hotel by either drawing it or building a prototype using items around your home. Give it a great name and logo.
 - Create an ad to draw people to your hotel. Talk about what makes your space hotel special, what people would do while they were in space, and what they will experience.
 - Present it to family/friends to see if they would stay in your space hotel.