



# Envisioning a Resilient Future

# Setting the Stage

Before beginning to plan for resilience, communities often begin with envisioning what they want their community to look and feel like in 5, 10, or 20 years. A visioning process can help a community focus in on what community resources are most important to them and begin to strategize how to protect those resources and keep them strong in case of a natural hazard or other event.

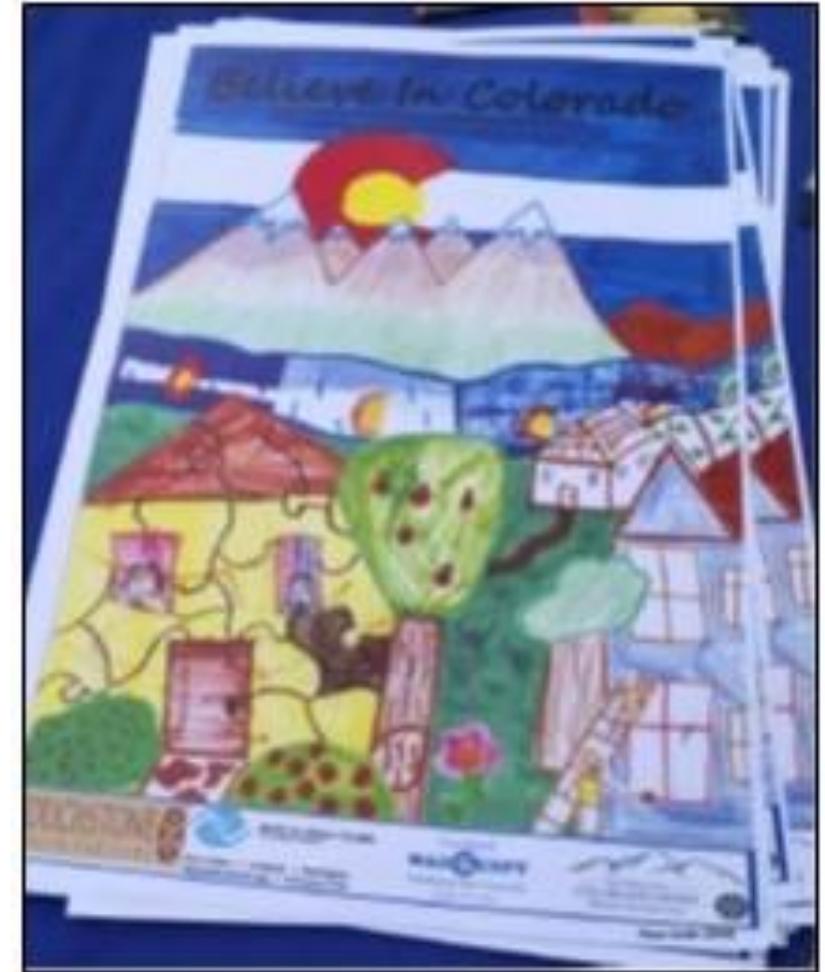


Photo Credit:CDPHE

## Driving Question:

- What do you want your community to be like in twenty years?

## Lesson Overview

- **Activity 1** (Engage): What will learning look like in the future?
- **Activity 2** (Explore): What does your ideal future look like?
- **Activity 3** (Explain): Resilience and the Future Reflection



These materials were developed by CIRES Education & Outreach at the University of Colorado Boulder.

<https://cires.colorado.edu/outreach/projects/HEARTForce>



# Activity 1

## School in America



THEN

Credit: <https://www.flickr.com/photos/public-record-office-victoria/8165493793>

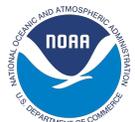


NOW

Credit: [https://commons.wikimedia.org/wiki/File:STS\\_Modern\\_Classroom.jpg](https://commons.wikimedia.org/wiki/File:STS_Modern_Classroom.jpg)

NEXT?

1. What do you think the future of school looks like? School may not have a building where everyone goes to, or it may not be everyday from around 8 to 3:30. If you were to travel in a time machine 20 years into the future, what would you see? Since the future hasn't happened yet, you cannot be right or wrong. Think about what school was like for your parents, what it's like for you, and what you think it will be like in 20 years.



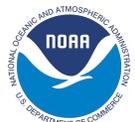
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# Activity 2

# Sectors of the Colorado Resiliency Framework



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# Activity 2

# Economic Sector

## Agriculture



Credit: <https://www.geograph.org.uk/photo/5497575>



Credit: [https://commons.wikimedia.org/wiki/File:Agriculture\\_in\\_Volgograd\\_Oblast\\_002.JPG](https://commons.wikimedia.org/wiki/File:Agriculture_in_Volgograd_Oblast_002.JPG)

## NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

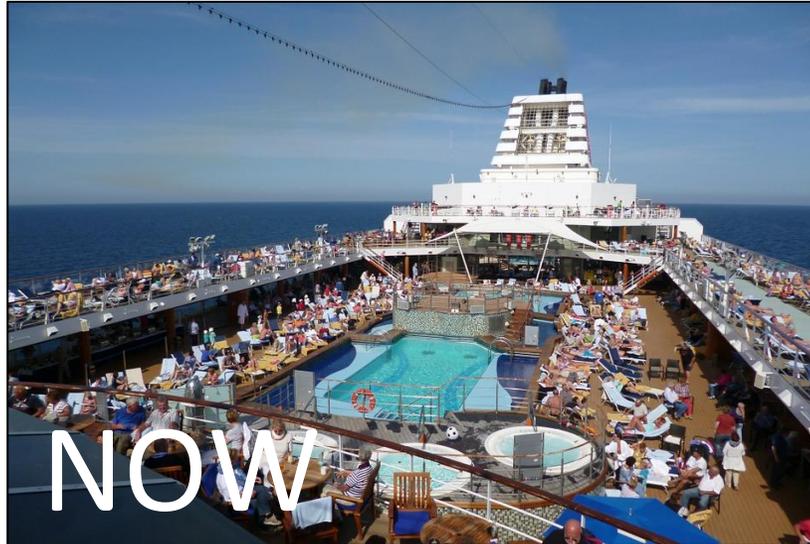
# Activity 2

# Economic Sector, continued

## Tourism



Credit: <https://www.flickr.com/photos/blakta2/8570993184>



Credit: <https://pixabay.com/photos/cruise-ship-ship-vacations-332711/>

NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

# Activity 2

# Community Sector

## Emergency Management



Credit: [https://en.wikipedia.org/wiki/History\\_of\\_the\\_ambulance](https://en.wikipedia.org/wiki/History_of_the_ambulance)



Credit: <https://dma.wi.gov/DMA/images/NEWS/2017NEWS/170426-7-ON199-010.jpg>

NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

# Activity 2

# Health and Social Sector

## Family



Credit: [https://commons.wikimedia.org/wiki/File:Queensland\\_State\\_Archives\\_1562\\_House\\_at\\_East\\_Street\\_Belmont\\_c.1950.png](https://commons.wikimedia.org/wiki/File:Queensland_State_Archives_1562_House_at_East_Street_Belmont_c.1950.png)



Credit: <https://www.flickr.com/photos/148434301@N05/32725181314>

NEXT?

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3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

# Activity 2

# Health and Social Sector, continued

## Healthcare



[https://commons.wikimedia.org/wiki/File:One\\_of\\_the\\_six-bed\\_wards\\_in\\_the\\_hospital\\_75\\_percent\\_of\\_the\\_patients\\_are\\_miners\\_or\\_their\\_families\\_Richlands...\\_-\\_NARA\\_-\\_541095.jpg](https://commons.wikimedia.org/wiki/File:One_of_the_six-bed_wards_in_the_hospital_75_percent_of_the_patients_are_miners_or_their_families_Richlands..._-_NARA_-_541095.jpg)



Credit <https://pixabay.com/photos/cruise-ship-ship-vacations-332711/>

NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

## Homes



Credit: <https://www.flickr.com/photos/brizzlebornandbred/37169945362>



Credit: <https://pxhere.com/en/photo/1091235>

# NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

## Transportation



Credit: <https://coloradoencyclopedia.org/image/damaging-deluge>



Credit: <https://www.120thairliftwing.af.mil/News/Article-Display/Article/864889/219th-red-horse-squadron-rebuild-flood-damaged-roads-in-colorado/>

NEXT?

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## Transportation



THEN

Credit: <https://www.flickr.com/photos/exfordv/4736572954>



NOW

Credit: <https://www.forbes.com/sites/ucenergy/2018/05/14/fuel-economy-standards-are-supersizing-our-vehicles-ford-scraping-small-cars-is-an-alarm-bell/#2c7d9a0930fe>

NEXT?

2. What changes do you notice over time in your sector?
3. How do you think these changes in this sector have impacted our lives now, and will impact our lives in the future?

# Activity 2

4. What resources does your sector provide? Come up with a list of three to five resources in this sector that are important to your daily life.
5. Which of these resources are most important to you? To your community?
6. Which of these resources do you feel are vulnerable to change?
7. What ideas do you have for maintaining important resources in the future?
8. How can improvements in your sector improve the quality of life in your community?



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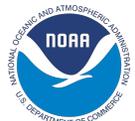
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# NEXT Slides

## Ideas for the Future

(only show these slides if students are having a hard time coming up with ideas on their own)



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<https://cires.colorado.edu/outreach/projects/HEARTForce>



# Activity 2

# Economic Sector: Next?

## Agriculture



Credit: <https://www.farmflavor.com/oklahoma/oklahoma-local/futuristic-farming/>



Credit: <https://www.arch2o.com/conversation-mitchell-joachim-arch2o/arch2o-joachim-terreform-smart-city-farm-1/>

9. What would you like your sector to look like in 20 years?

# Activity 2

# Economic Sector: Next?

## Tourism



Credit: <https://cruiseline.com/advice/cruising-101/all-about-cruising/cruise-ships-of-the-future>

9. What would you like your sector to look like in 20 years?

## Emergency Management



Driverless ambulances and other technology could take some of the strain off the emergency services, freeing paramedics to deal with high-risk patients where each minute waiting for treatment significantly reduces a patient's chance of surviving

Credit: <https://www.dailymail.co.uk/sciencetech/article-4604114/Driverless-ambulances-future-healthcare.html>

## 9. What would you like your sector to look like in 20 years?

## Healthcare



Credit: <https://brightside.me/wonder-curiousities/10-futuristic-medical-innovations-that-will-redefine-our-lives-407760/>

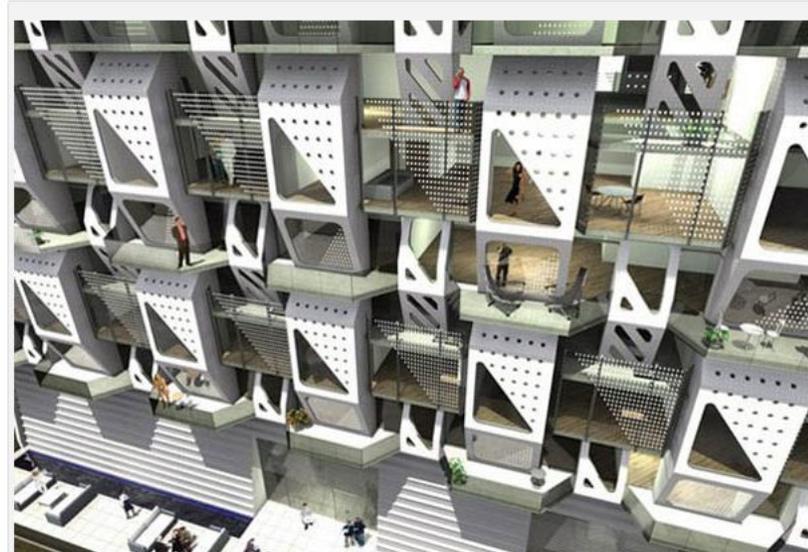
9. What would you like your sector to look like in 20 years?

## Homes



Tornado-proof house design idea

Credit: <https://www.lushome.com/houses-future-10-amazing-futuristic-design-ideas/79686>



Futuristic energy efficient apartment building design



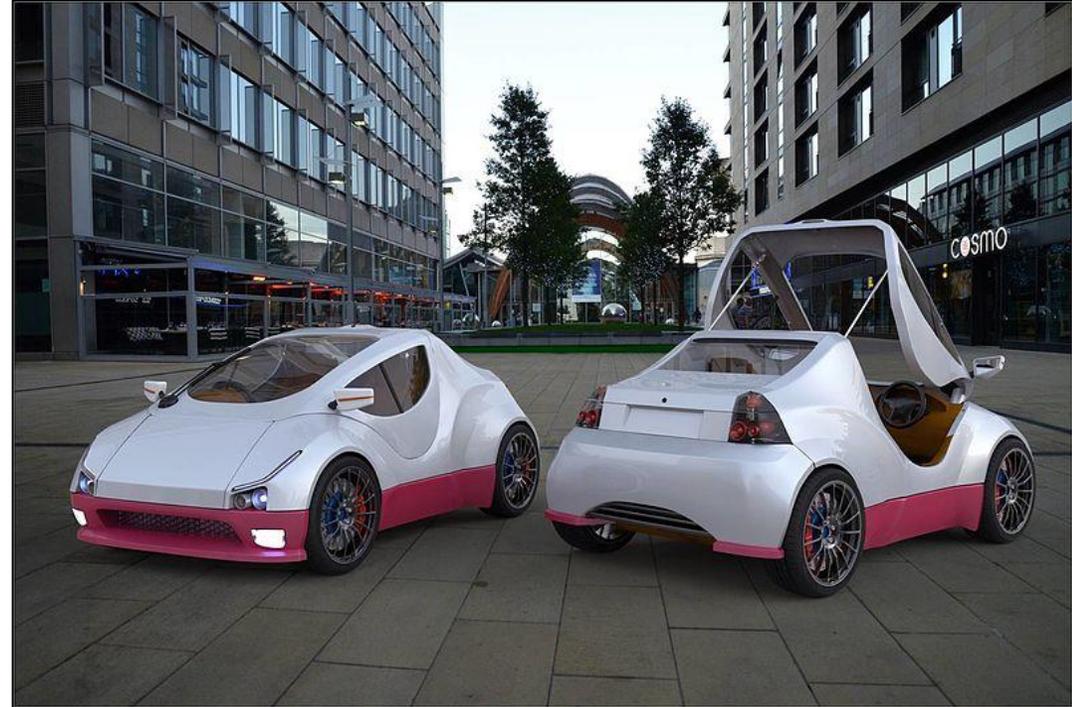
Futuristic house design for extreme hot temperatures

9. What would you like your sector to look like in 20 years?

## Transportation



Credit: <https://www.highwaysindustry.com/shortlist-announced-for-uks-roads-for-the-future-competition/>



Credit: [https://commons.wikimedia.org/wiki/File:Alex\\_electric\\_car.jpg](https://commons.wikimedia.org/wiki/File:Alex_electric_car.jpg)

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