



Climate Change and Calgary

Worksheet

Instructions: This worksheet can be filled out during the *Climate Change in Calgary* presentation, hosted by The City of Calgary Climate Change Program at the Mayor's Environment Expo. While watching the presentation, try to answer as many questions as you can by filling in the blanks below. In some cases, your host will draw attention to the question explicitly, and give you several seconds to guess the answer before revealing it. In other cases, the host may mention the answer and move on without drawing attention to it, so you'll have to pay close attention! At the end of the presentation, all of the answers will be revealed.

Questions:

1. When talking about climate change, what is meant by the term *mitigation*?

2. When talking about climate change, what is meant by the term *adaptation*?

3. If weather was like your mood, then climate would be like your: _____

4. Name one example of a greenhouse gas: _____

5. In Alberta, our mean provincial temperature has increased by approximately _____°C over the past century.

6. In Calgary, energy used in our homes (residential buildings) accounts for _____% of our total city-wide greenhouse gas emissions.

7. In 2015, Canada signed the _____ Agreement along with over 190 other countries.

8. The City of Calgary has approved a strategy to reduce greenhouse gas emissions and build resilience to climate change. That strategy is called:



9. The City of Calgary's _____ target is to reduce greenhouse gas emissions by _____% below _____ levels.

10. Name one thing The City of Calgary is doing to reduce greenhouse gas emissions in Calgary:

11. What is a *climate change hazard*?

Note: There are many correct answers for the following fill-in-the-blank questions. During the presentation we will give several examples of correct answers, but there are many more answers that could be correct!

12. Give one example of an impact that could be associated with

- extreme heat events: _____
- shifting seasons: _____
- short duration, high intensity storm events: _____
- with winter storms: _____
- with flood events: _____
- meteorological drought: _____
- wildfires: _____

13. Name one action The City of Calgary is taking to build resilience to, or prepare for climate change impacts?



14. Name one thing you could do personally to reduce greenhouse gas emissions in the transportation category:

15. Name one thing you could do personally to reduce greenhouse gas emissions in the lifestyle category:

16. Name one thing you could do personally to reduce greenhouse gas emissions in the home energy category:

17. Name one thing you learned in this presentation that you didn't know before!

Thanks for participating!