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Student:	Grade:	Date:
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Criteria	Performance
Applies different reading comprehension strategies such as skimming and scanning in a variety of texts.	

### *Skimming and Scanning*

1. Skim the text and write the keywords in the rectangle below.

## How can we build a sustainable city?

### What Is A Sustainable City?

A sustainable city is one that is able to take care of its people for a long time. To do so, it needs to be able to face the challenges of the future. Can it provide food, housing, and electricity for a growing population without harming the planet? How can it adapt to the a rapidly changing climate?

### How Can We Build A Sustainable City?

#### 1. Clean Energy

Cities use a lot of power. Today, they use almost 80% of the world's energy, most of which comes from burning fossil fuels. This is not sustainable in the long run as fossil fuels are not renewable – meaning they are a finite resource. Many scientists think that we will run out of fossil fuels within this century. Most importantly, they threaten the health and future of our planet by contributing to climate change.

To make cities sustainable, we need to power them with clean energy such as solar and wind energy. These energy sources are renewable, which means that they will never run out.


What are the types of clean energy?

#### 2. Green Buildings

As the urban population grows larger, cities need more homes, facilities, and work spaces to accommodate everyone. It is important that we build them in a way that reduces their impact on the environment. One way to do so is to build them with materials that are environmentally friendly. We can also design them to be more energy-efficient. Low-flow toilets, for example, can save water,

Elaborado por: Caroline Alcalá

Referencias: [How Can We Build A Sustainable City? A Kid-Friendly Guide - Earth.Org Kids](#)

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while a “cool roof” that absorbs less heat can save energy by naturally keeping the building cool. Green buildings may even have their own solar panels to generate their own energy from the sun.

**What are solar panels?**

### 3. City Farming

You may have heard of rooftop farms and vertical farms – they are both examples of city or urban farming. A city may not have space for big farms, but it will likely have pockets of green spaces. City farming is the use of these spaces to grow produce and even raise small animals such as chickens. While we cannot rely on them to feed an entire city, tiny farms are a great source of food for small communities and neighborhoods.

**How can people feed small communities?**

### 4. Waste Management

Waste management is a big problem in the world today. According to experts, we dump at least 2 billion tons of waste globally each year. Through recycling, reducing and reusing, cities can prevent waste from ending up in landfills. In San Francisco, for example, recycling and composting laws have helped the city cut 80% of its waste!

#### Are There Any Sustainable Cities in the World Today?

Around the world, some cities already practice sustainability. Gothenburg in Sweden, for example, is one of the most sustainable cities in the world today. To get around, you can jump on a bike, an electric scooter, or use its wide range of public transport options from electric trams to electric buses. Sustainability is also a big theme for businesses. In restaurants, chefs cook with organic ingredients that are grown using healthy farming practices. Even shopping can be sustainable, too. Local brands use organic materials to make low-impact clothing. Second-hand shops promote the longevity of clothing, furniture, and books.


**Provide 1 example of a sustainable action in Sweden**

**Keywords:**

Interestingly, Gothenburg was not always a green city. In the past, it was a polluted industrial town. With a vision and hard work, its government and people turned it into a leader in

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sustainability and its transformation now provides lessons and inspiration for cities around the world. We can learn from each other to achieve a sustainable future!

What is the main idea of the text? Give it with your own words.

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