



URBANIZATION

I N Q U I R Y

K I C K S T A R T E R S

Driving questions for students to explore in the classroom around urbanization

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THE INQUIRY STUDENT

This resource was designed to develop the three qualities of an inquiry student.



students capture their learning as it's happening in order to reflect and share



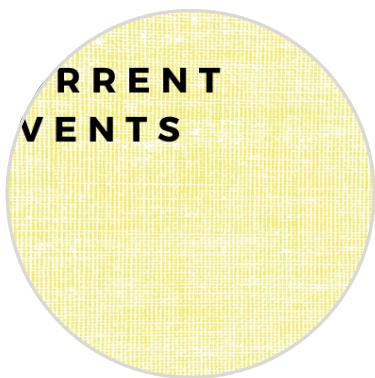
reflecting on their skills as they are working to recognize their strengths and weaknesses



Constantly sharing their thinking with an audience to test, receive and apply feedback

HOW TO USE THIS RESOURCE

This set of essential questions is meant to kickstart the inquiry process in your classroom. Use these prompts to guide students through their personal inquiry journey. Ideally use with the **Inquiry Card Set** so students can drive their own learning..



#1
INQUIRY TOPIC
SET



#2
INQUIRY CARD
SET



THESE CARDS ARE DESIGNED TO HELP YOUR STUDENTS REFLECT ON THE PROCESS OF THEIR LEARNING, AS WELL AS, THEIR FINAL PRODUCT.

#3
SELF-REFLECTION
CARD SET

A. URBANIZATION

*Why do the majority of
people now live in urban
centers?*

A. URBANIZATION

Why do the majority of people now live in urban centers?



ASK

- What do you know about living in the city?
- Why would you live/move to the city?
- What do you think moves people to the city? Think of how geography and commerce play a role?



**HISTORY
CHECK**

- What major events in history caused people to migrate to the city?
- What events today cause people to migrate to the city?
- Can you provide examples?



REPORT

- What major city do you want to learn about?
- Why do people choose to move to this city?
- What are the major factors? Be specific.

B. URBANIZATION

*How can your city be
smarter?*

*What are some areas for
improvement?*

B. URBANIZATION

*How can your city be smarter?
What are some areas for improvement?*



- What do I find the most interesting about my city?
- What is the biggest challenge my city faces? Pollution, over-population, waste management, clean water etc.



- What do I know about smart solutions? Eg. greenhouses, solar power etc.
- What do I know about companies like Cisco, IBM, Siemens, Microsoft, Huawei that are trying to make a difference?
- What else do I need to know?



- What can be improved on in my city?
- What smart solution can be applied?
- Clearly show a plan on how this solution can be implemented?
- What resources do we need?

C. URBANIZATION

*What problems and
opportunities does rapid
urbanization present?*

C. URBANIZATION

What problems and opportunities does rapid urbanization present?



- Choose a major city in the world to research.
- Why did you choose this city?
- What do you find interesting about this city?
- What do you know? What do you need to know?



- What are some obvious issues in the city?
- What are advantages of living in this city?
- Where did you find your information?



- Would you choose to live there? Why or why not?
- How does this city compare to others?
- How can the city be improved on?

D.URBANIZATION

Invent a smart (clean & efficient) city. Where would it be? What would you include?

D.URBANIZATION

*Invent a smart (clean & efficient) city.
Where would it be? What would you
include?*



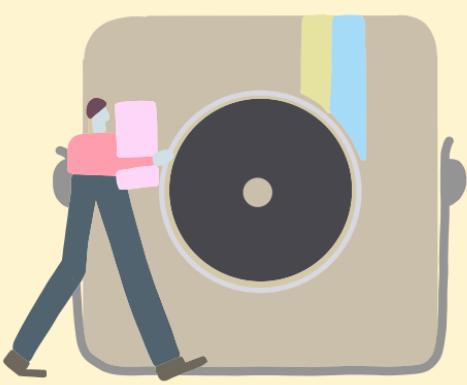
- Where would I put my smart city?
- Why did I choose this location?
- In this part of the world, what problems exist?
- What problems should my smart city try to solve?



- Research features from around the world to implement into your city. What works, what doesn't?
- Are my ideas, infrastructure and design built around real-life examples or are they imaginary?
- Where did you find your information?



- Put your ideas together
- How am I going to present my work? (SketchUp, poster, Slide presentation, video demo?)
- Give reasoning for all your decisions



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