

WELCOME TO GCSE GEOGRAPHY



WHERE WILL IT TAKE US TODAY?

TOPIC 5: URBAN FUTURES

5.2: WHAT ARE THE CHALLENGES AND OPPORTUNITIES FOR CITIES TODAY?

b) How can cities become more sustainable?

21/12/2017

C/Study: Birmingham

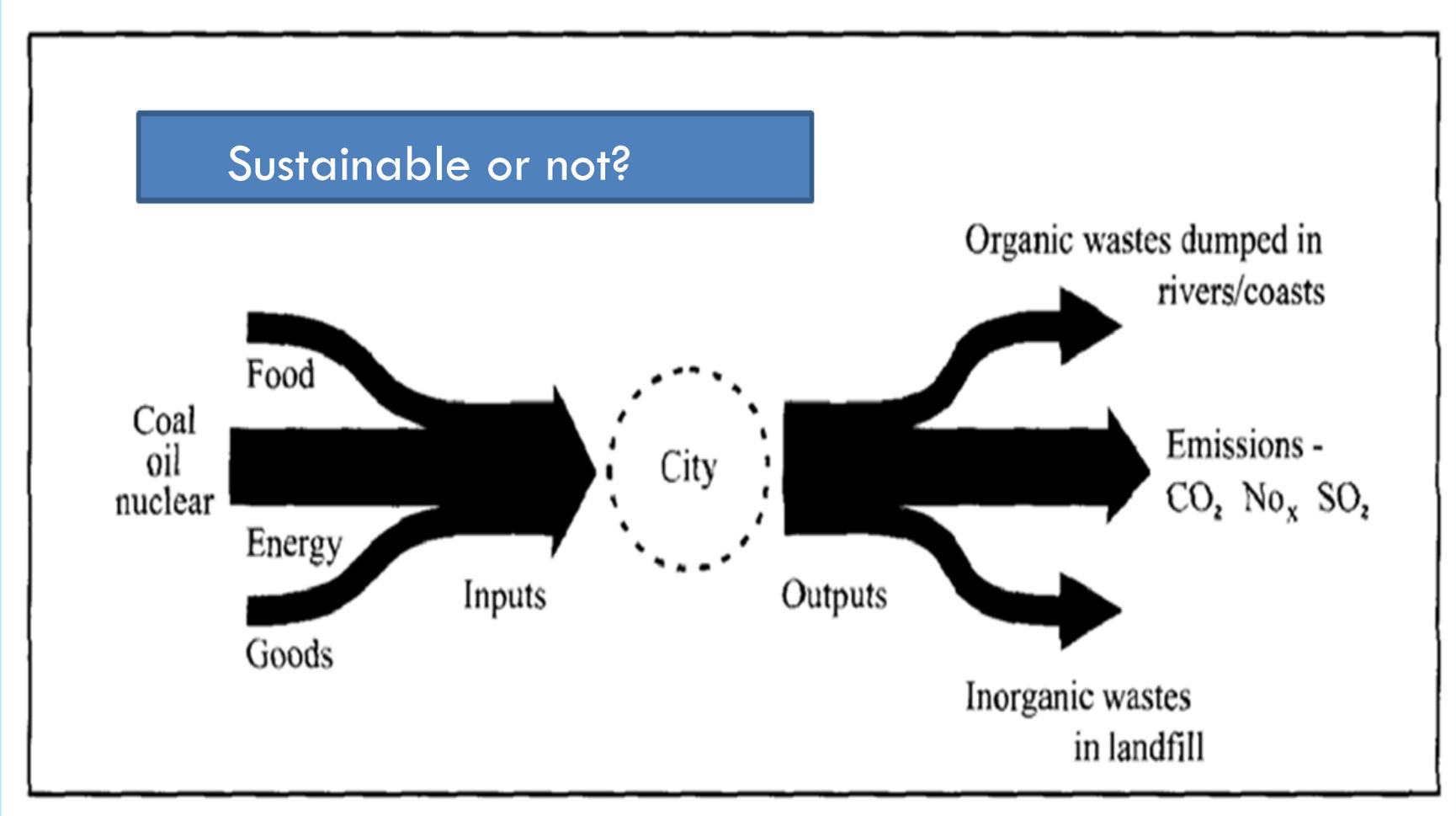


GET BRAINS IN GEAR...

8
mins

Over To You (K)

1. How sustainable is this city – explain your thinking
2. What other challenges do cities face that are not listed?
3. What could be changed make this city more sustainable?

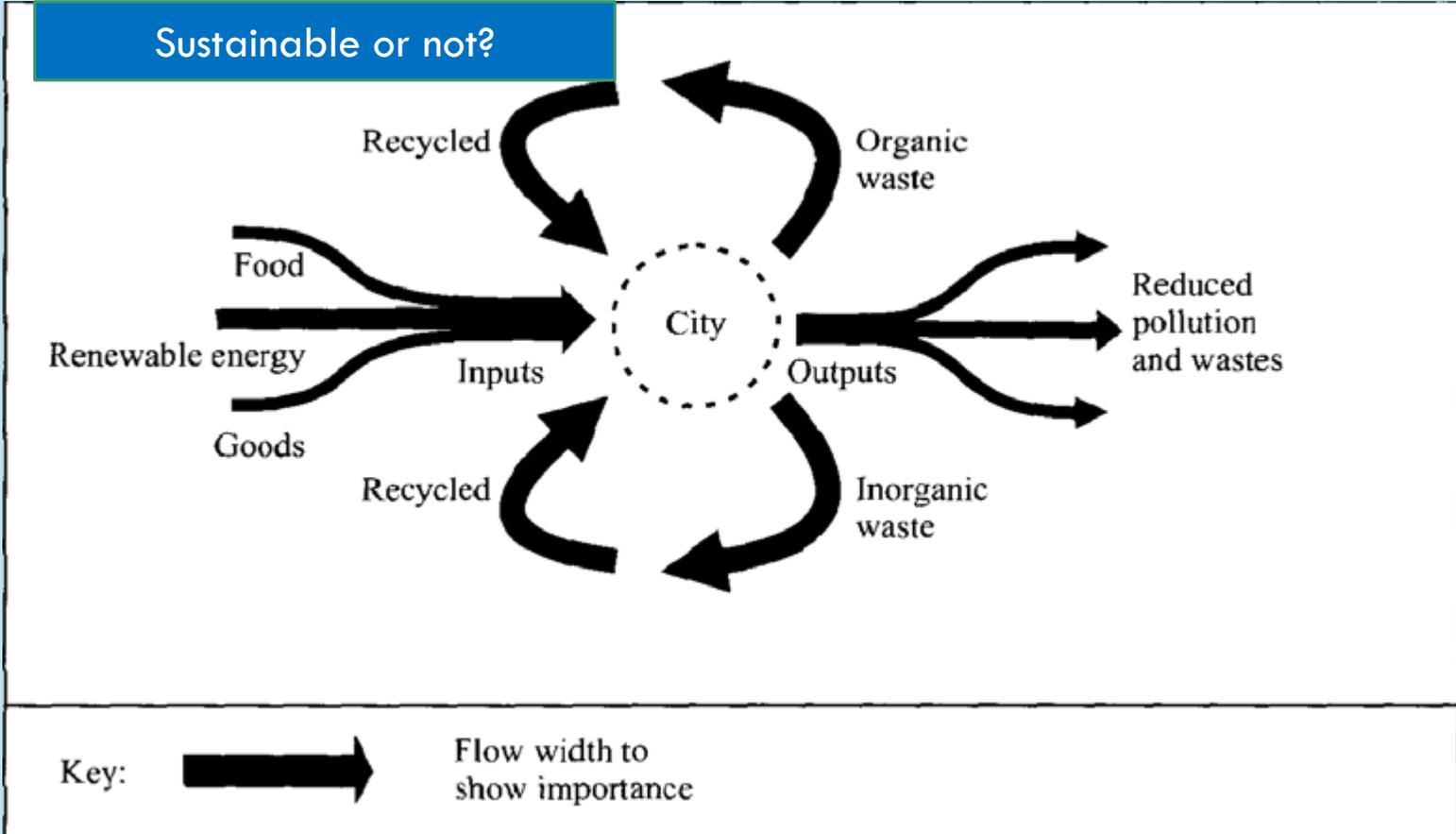




GET BRAINS IN GEAR...

7 mins

- Over To You (K)**
1. How sustainable is this city?
 2. What's the difference?



LEARNING IS SUCCESSFUL WHEN I ...

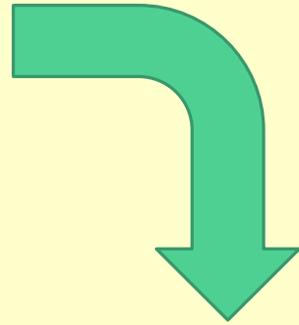
Know:

- What Birmingham is doing to become more sustainable [2-4]

Understand:

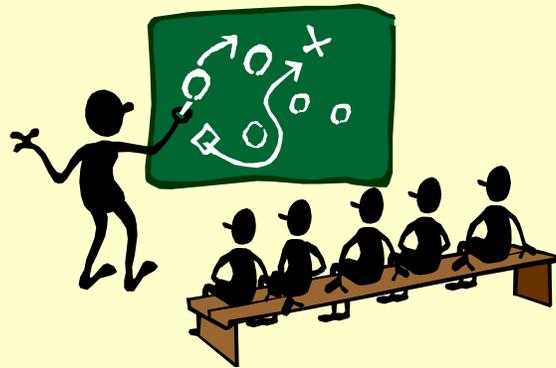
- Why this needs to happen [5-7]
- How successful the chosen initiatives have been [5-9]





PRESENT NEW INFORMATION

LOOK, LISTEN, LEARN

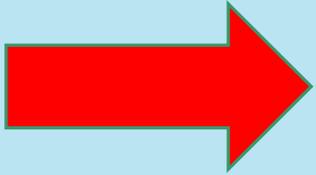


Cities – the bad and the ugly?

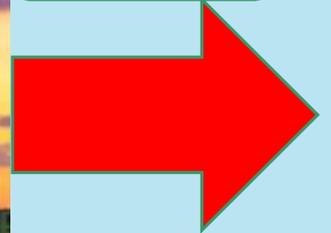
6 mins



75%



80%



*i*ua* *o**u*io* a**e* *a**



Any possible solutions spring to mind? Perhaps ADA might inspire you?



Know: Why cities are currently unsustainable [2]

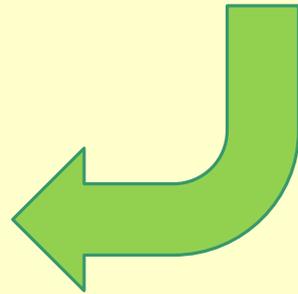




CONSTRUCT MEANING

DO I UNDERSTAND

#1?

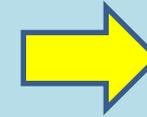
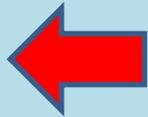




Birmingham's solution is 'G.R.E.A.T.'

Page
162

10
mins





APPLY TO DEMONSTRATE

SHOW THAT I UNDERSTAND



'G.R.E.A.T.' = SEE sustainable because ...



H & F



P & V



R.E.



B.E.S

D.E.S

H.S.2

L.O.B

M.M

Over To You...

Choose **THREE** of Birmingham's sustainable initiatives [one must be **LOB**]

For each initiative
(a) say what it is
(b) measure how SEE sustainable it is
(c) Decide what scale it works at (individual, community or city wide)



Come get it!



What would an exam question look like?

9
mins

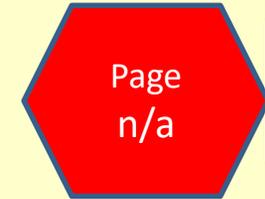
For a named city in an AC, describe ONE initiative you have studied and say how it will help to make the city more sustainable [6]

Steps to Success

1. Name the city and show you know what sustainable means
2. Name ONE initiative and describe what it is
3. Discuss, using SEE how it will make the city more sustainable

What would an exam ANSWER look like?

For a named city in an AC, describe ONE initiative you have studied and say how it will help to make the city more sustainable[6]

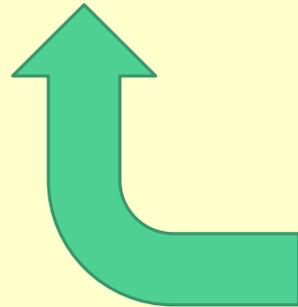


Birmingham, the UK's second largest city is an example of an AC city ✓. In order to meet the needs of its inhabitants both now and in the future it must become more sustainable in how it uses its resources ✓ An example of this is its library, ✓ which opened in 2013 . Environmentally it is sustainable as it was built on ***brownfield land***. It makes use of natural daylight to reduce ***energy consumption***. ✓ It attracts 2.5 million visitors per year, helping to improve the ***education and skills*** of the local workforce, making it socially sustainable ✓. Economically, it employed 250 local people during its ***construction*** and it used ***recycled materials***, keeping costs down.



REVIEW

WHAT HAVE I LEARNT?



Review time

5
mins

1. **'G.R.E.A.T.'** stands for
2. **'SEE'** sustainable =
3. A sustainable transport scheme would be
4. This **'h'** is what the Library does with rainwater
5. This will make journey times to London even shorter
6. This **'BES'** initiative is all about reducing fuel poverty
7. If something is socially sustainable it is **'h'** and **'f'**



LEARNING IS SUCCESSFUL NOW I ...

Know:

- What Birmingham is doing to become more sustainable [2-4]

Understand:

- Why this needs to happen [5-7]
- How successful the chosen initiatives have been [5-9]



Tell me **9** words
that you have used
the **most** over this
series of **lessons**.



Just to make you think!

