

PLANNED OBSOLESCENCE

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1 WHAT IS PLANNED OBSOLESCENCE?

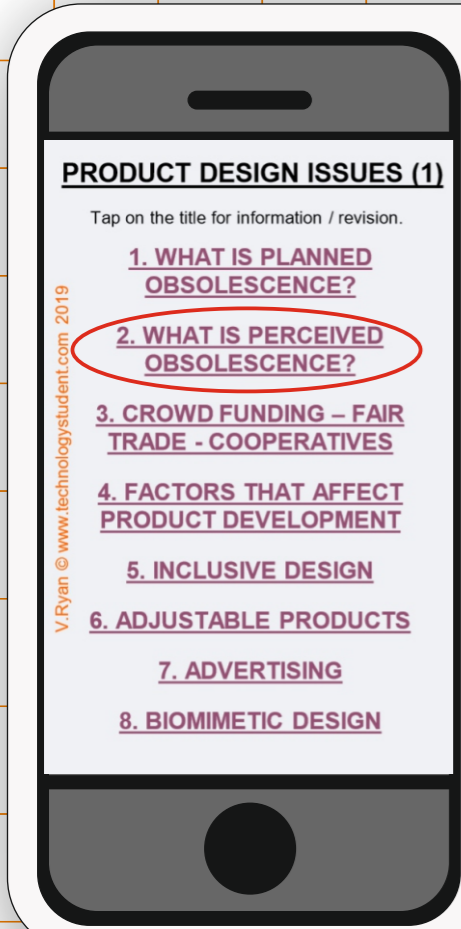
2 DESCRIBE AN EXAMPLE OF PLANNED OBSOLESCENCE. (E.G. washing machines - light bulbs...)

3 PLANNED OBSOLESCENCE IS SOMETIMES LEGITIMATELY BUILT INTO PRODUCTS, FOR SAFETY REASONS. NAME AND DESCRIBE / EXPLAIN, AN EXAMPLE OF THIS. (Include an image of the product / or a sketch)

4 AS PRODUCTS DEVELOP, WHAT IS THE ROLE OF 'COMPATIBILITY', IN PLANNED OBSOLESCENCE? (Include an example of a product / company)

5 WHY IS PLANNED OBSOLESCENCE BAD FOR THE ENVIRONMENT?

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



PERCEIVED OBSOLESCENCE

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1 WHAT IS PERCEIVED OBSOLESCENCE?

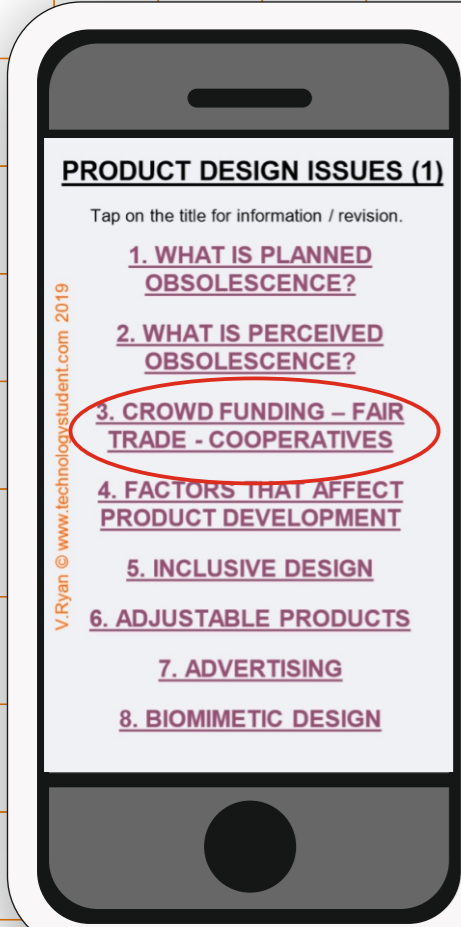
2 DESCRIBE AN EXAMPLE OF PERCEIVED OBSOLESCENCE. (Football kits, mobile phones.....)

3 EXPLAIN HOW THE ADVERTISING INDUSTRY USES PERCEIVED OBSOLESCENCE, AS A STRATEGY TO SELL UPDATED PRODUCTS (Include an image / sketch of one such product)

4 WHAT IS THE DIFFERENCE BETWEEN PLANNED AND PERCEIVED OBSOLESCENCE?

5 HAVE YOU BEEN A 'TARGET' OF PERCEIVED OBSOLESCENCE? DESCRIBE YOUR EXPERIENCE. (E.G. A new phone, gadget, fashion.....)

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



**ENTERPRISE:
CROWDFUNDING, FAIRTRADE
AND COOPERATIVES**

TO ANSWER ALL THE
QUESTIONS YOU WILL NEED TO
DOWNLOAD THE 'FACTORS
INFLUENCING DESIGN' APP,
FROM THE INTERACTIVE
MOBILE APP SECTION OF
www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App,
you can use it to navigate the
website. You may need to follow the
links on each page of the App, to
research complete answers to all the
questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1

WHAT IS CROWD FUNDING?
(Include an example)

2

WHAT IS A COOPERATIVE?
(Include an example)

3

DESCRIBE THE PURPOSE / MEANING OF THIS SYMBOL
(Include an example of a product, with this symbol on its packaging)



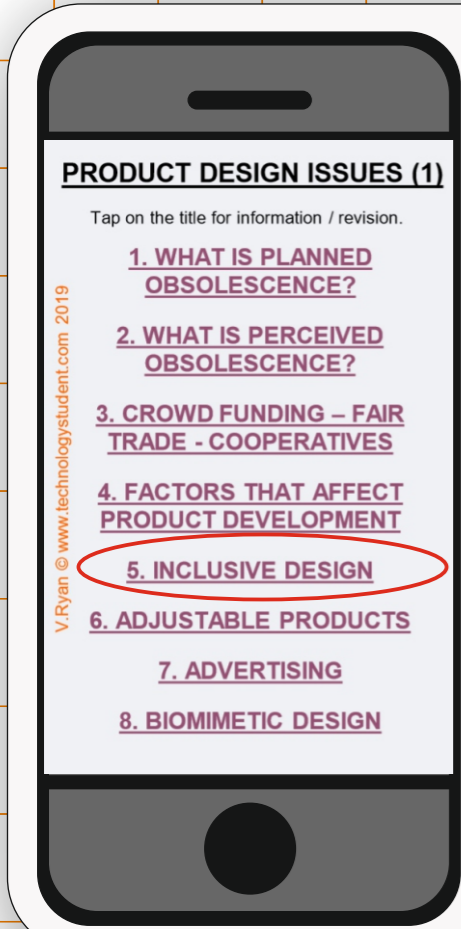
4

**DESCRIBE THE FIRST RECORDED
CROWD FUNDING.**

5

**IF YOUR WERE TO SET UP A
BUSINESS, WHICH FORM OF
FUNDING WOULD YOU PREFER?**
(explain your answer)

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



INCLUSIVE DESIGN

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1

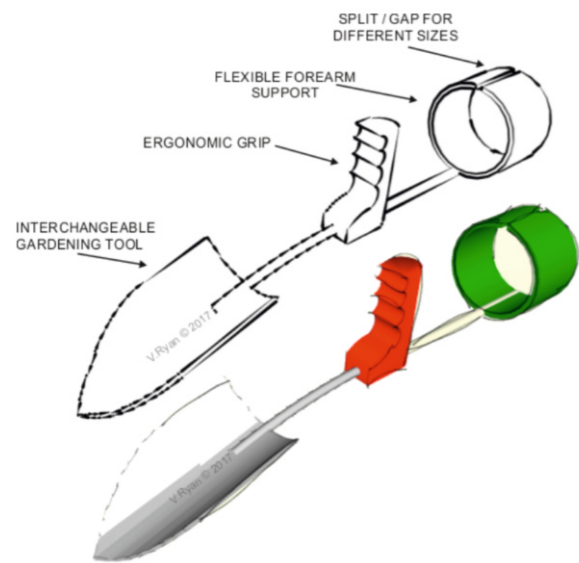
WHAT IS INCLUSIVE DESIGN?
(Include an example)

2

HOW CAN INCLUSIVE DESIGN BE INFLUENCED BY COST?
(Include 'Product Exclusivity')

3

WITH REFERENCE TO THE PRODUCT SHOWN BELOW, EXPLAIN HOW ANTHROPOMETRICS AND ERGONOMICS, ARE OFTEN LINKED TO 'INCLUSIVE DESIGN'.



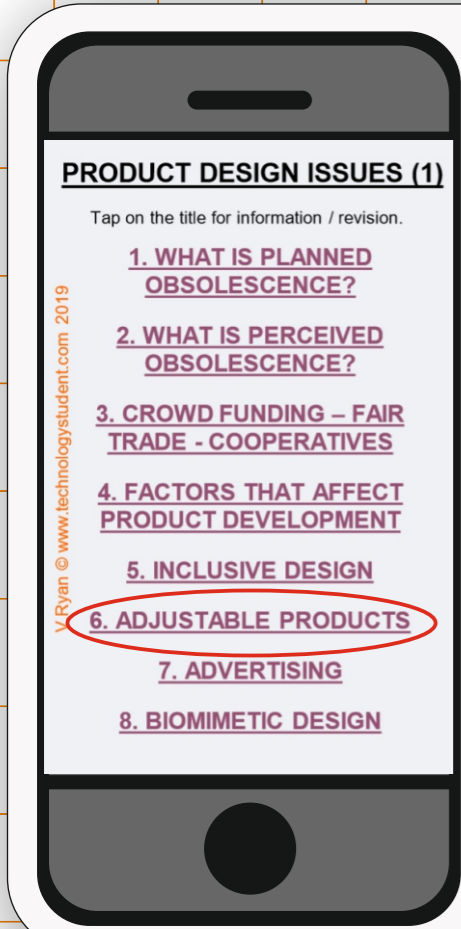
4

ENVIRONMENTAL ISSUES ARE AN IMPORTANT ASPECT OF INCLUSIVE DESIGN. EXPLAIN THIS STATEMENT IN MORE DETAIL.

5

WHEN DESIGNING A CHAIR, HOW COULD IT BE DESIGNED TO BE AS 'INCLUSIVE' AS POSSIBLE?

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



ADJUSTABLE PRODUCTS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1

WHY ARE SOME PRODUCTS ADJUSTABLE?

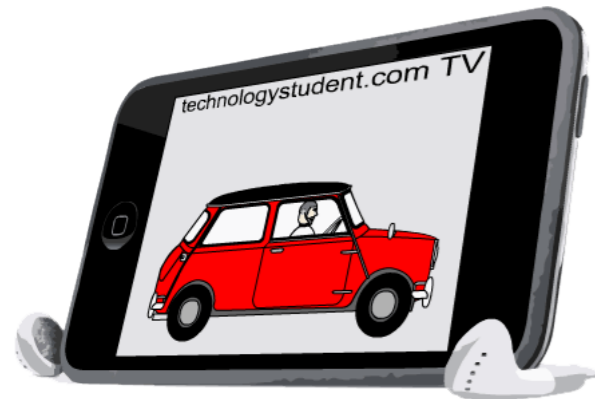
2

WHY IS THE 'WING MIRROR' OF A CAR ADJUSTABLE?



3

DESCRIBE SOME OF THE WAYS, ELECTRONIC GADGETS ARE DESIGNED TO BE ADJUSTABLE.



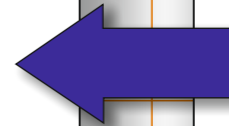
4

STUDY THE ADJUSTABLE CHAIR SHOW BELOW.

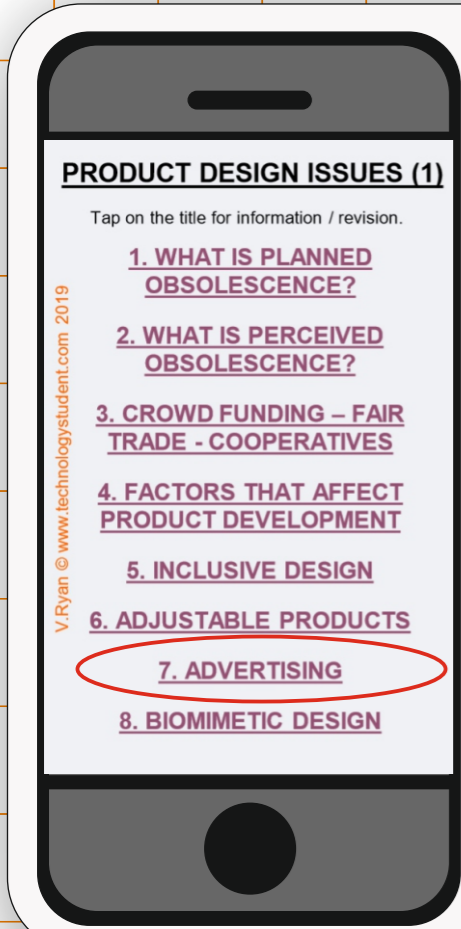


5

WHY IS IT IMPORTANT, THAT COMPUTER CHAIRS ARE ADJUSTABLE?



HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



ADVERTISING

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1

WHAT IS THE FUNCTION / PURPOSE OF ADVERTISING?

2

LIST SIX DIFFERENT WAYS OF ADVERTISING.

3

TV AND FILM, PLAY AN IMPORTANT PART IN ADVERTISING. HOW HAS THE PRODUCT BELOW, BENEFITED FROM TV AND FILM?



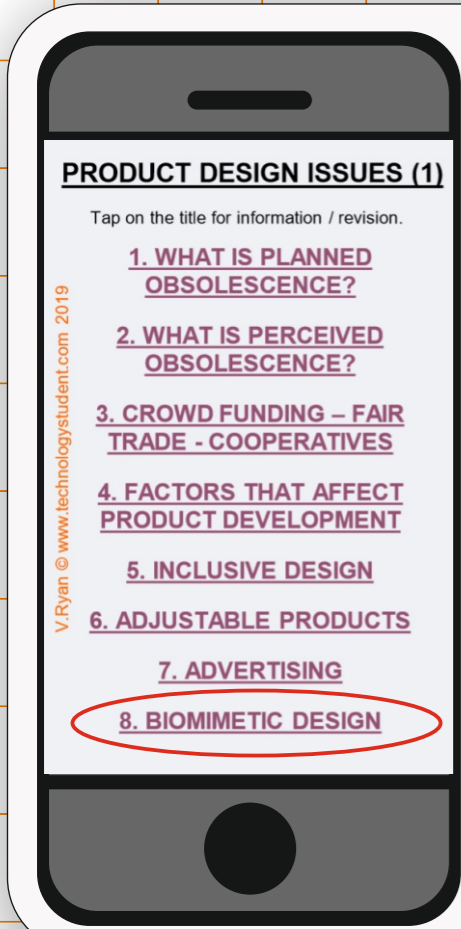
4

IN YOUR OPINION, OTHER THAN TV AND FILM, WHAT IS AN EFFECTIVE FORM OF ADVERTISING?
(Explain your answer)

5

DESCRIBE AN ADVERTISING CAMPAIGN THAT YOU HAVE FOUND INTERESTING.
(E.G. Cola, a make of car.....)

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf



BIOMIMETIC DESIGN

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'FACTORS INFLUENCING DESIGN' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research complete answers to all the questions.

**ARE YOU D&T READY?
USE THE MOBILE App!!**

1

WHAT IS BIOMIMICRY?

2

IN 1941, SWISS ENGINEER GEORGES DE MESTRAL WAS INSPIRED BY NATURE. WHAT WAS THE GROUND BREAKING PRODUCT HE INVENTED AND HOW WAS IT BASED ON NATURE?

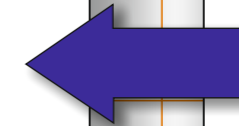
3

DESCRIBE HOW THE JAPANESE BULLET TRAIN, HAS BENEFITED FROM BIOMIMETIC DESIGN.



4

STUDY THE TWO IMAGES BELOW



5

IN TERMS OF BIOMIMETIC DESIGN, HOW ARE THE TWO IMAGES LINKED?

HELPFUL LINK: http://www.technologystudent.com/mobapps/design_factors1_mobile.pdf