

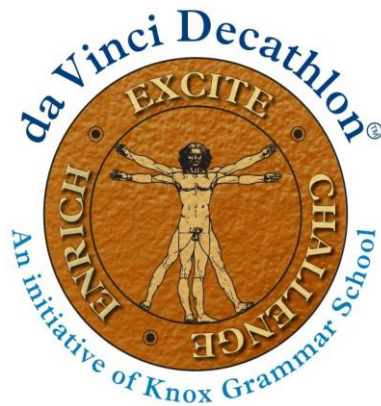


KNOX  
GRAMMAR  
SCHOOL

STATE

# DA VINCI DECATHLON 2018

CELEBRATING THE ACADEMIC GIFTS OF STUDENTS  
IN YEARS 7 & 8



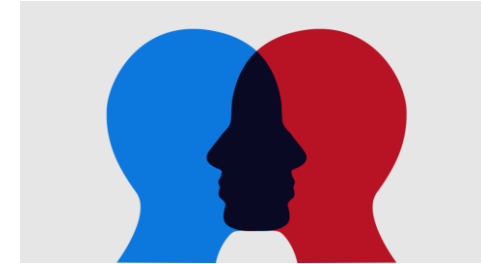
## IDEATION – ANSWER BOOKLET

TEAM NUMBER \_\_\_\_\_

1	2	3	4	Total	Rank
/15	/15	/15	/15	/60	

# 1. EMPATHISE

## ETHICAL DECISION-MAKING FRAMEWORK (15 MARKS)



The consideration of ethics distinguishes us as humans from other organisms. Ethical people have what philosopher Thomas Aquinas called a *'well-informed conscience'*. They live what Socrates called *'an examined life'* – a life particularly associated with being human.

To ensure the ethics of your ideas and solutions, please complete the following Ethical Decision-Making Framework.

ETHICAL QUESTIONS	EXPLANATION
<p><b>1. What were the important facts that you discovered? Provide at least two. (2 marks)</b></p>	
<p><b>2. Did the research challenge any preconceived ideas about chocolate? (3 marks)</b></p>	

<p><b>3. Why does it matter that society finds a solution to this problem? (2 marks)</b></p>	
<p><b>4. What will be some of the negative consequences of your possible solution? (2 marks)</b></p>	
<p><b>5. What will be some of the positive consequences of your possible solution? (2 marks)</b></p>	

<p><b>6. How will your possible solution empathise with the current community? (2 marks)</b></p>	
<p><b>7. How would the wider community respond to your ideas and possible solution? (2 marks)</b></p>	

# 2. DEFINE

## DESIGN BRIEF (15 MARKS)



Team Code: \_\_\_\_\_

Here, you must identify the problem, outline the ethical issues, evaluate the challenges and research findings, and identify possible solutions.

### IDEATE: What?

Why does it matter?

The Ethical Issues:

The Barriers:

Our Vision:

Team Code: \_\_\_\_\_

## **RESEARCH: Why?**

RESEARCH FINDINGS TO SUPPORT IDEAS

Team Code: \_\_\_\_\_

**Challenge Statement: What does the team want to achieve?**

**Proposed Solution 1**

**Proposed Solution 2**

**Proposed Solution 3**

# 3. IDEATE

REFLECTION (15 MARKS)



Team Code: \_\_\_\_\_

## IDEATION

What new ideas did the team generate?

Will your ideas work? Why or why not?



## **IMPLEMENTATION**

WHEN?

WHERE?

WHO?

*Team Code:* \_\_\_\_\_

## **DISSEMINATION**

How will you get people to adopt your idea?

How will you measure your success?

Team Code: \_\_\_\_\_

# 4. CREATE

PROTOTYPE (15 MARKS)

Team Code: \_\_\_\_\_

*Prototype Continued...*

**END OF PAPER**