# SLR 9C Glucose: A Journey From Plate to Cell

#### Humans need energy

- Humans need a constant source of GLUCOSE to provide energy for living.
- Carbohydrate-rich foods, such as whole-grains, vegetables and fruits, are the main source of energy for humans.
- When we eat a meal, carbohydrates are broken down into glucose.
- Glucose is a very small molecule. It can travel around the body in our blood stream.

### How does glucose get from the food we eat into our cells?

#### **INSTRUCTIONS: Work in pairs**

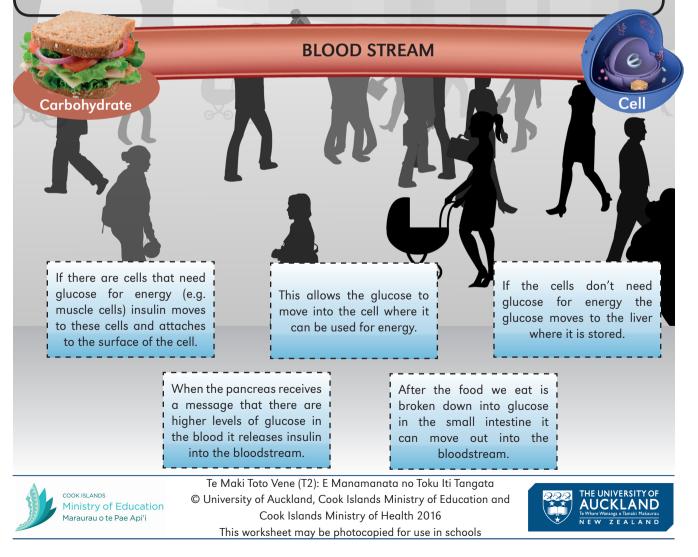
You will find information to complete this task from the Student Presentation Slides: Blood Glucose. 1 of 2

What's it all about? Hitting the headlines

What is Diabetes?

Refining our Research

- 1. Read the statements in the boxes below.
- 2. Decide which order they should be in.
- 3. Copy each statement into the 'Sequencing Activity' template or cut and paste them in.
- 4. Draw a diagram to represent each stage. Quick and neat is good.
- 5. Join up with another pair and share your work. Compare your work and explain your decisions.



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## Sequencing Activity

Place the statements in the correct places to show the journey of glucose from the plate to a muscle cell.

