Eesy group : Lim Chin Yee, Shuhada Muhamad Mukhtar, Tan Yin Man

- Why we STARTED ?
- **Cellular respiration** is the topic with the **highest mark weightage** (**18%**) in Semester 2 Matriculation Programme Biology Examination
- Students had problems remembering the names and correct order of the intermediates formed in glycolysis (= first stage of cellular respiration)

OBJECTIVES

UNIQUENESS of Gipomonic

- To help students memorize the names of all glycolytic intermediates
- To help students remember the correct order of intermediates formed along the glycolytic pathway
- The mnemonic sentence only contains **11 words** which can be directly linked to **11 glycolytic intermediates**
- The mnemonic words include information about the **position of phosphate group in the intermediates** (a.k.a **the number in the names**)
- The mnemonic is **illustrated by a picture** to help students *recall the mnemonic*

Memory bridge

ADVANTAGES of mnemonics

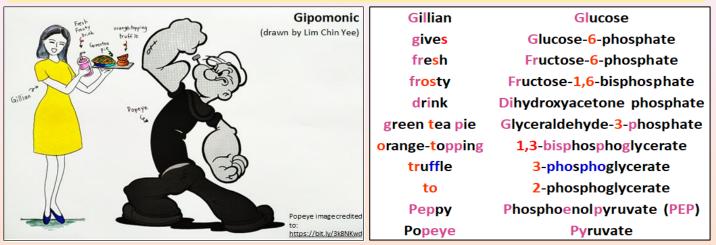
A glycolysis mnemonic It is used as a teaching aid It is illustrated by a picture What is GIPOMONIC?

Gi – Gillian Po – Popeye Monic – Mnemonic

Time-saving

Gillian gives fresh frosty drink, Green-tea-pie, orange-topping truffle to peppy Popeye

Fun learning

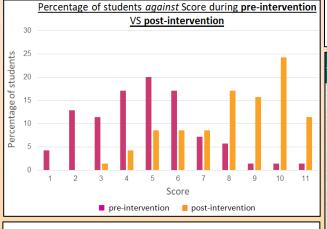


Students' perception on using Gipomonic

I"I find it absolutely
helpful and it's veryMcreative..."

"The mnemonic is not too long and easy to remember..."

"I can easily remember the sequence and the name of the compounds using the mnemonic ..."



Students' level of mastery in glycolysis

PROMOTION

Ρ

- Gipomonic was shared with 18 biology lecturers, LMC
- POTENTIAL

• 23/7/2021

Biochemistry BSc course

Matriculation colleges

Students' perception on

learning time efficiency

1. Did using the mnemonics save

your time (= lagi cepat boleh hafal) in

BC10 Vera

learning glycolysis?

hi miss 😋 😋 ன im very sorry for

1. yes, the mnemonics really saved

my time . they're catchy phrases as well so its fun to remember those

difficult names that way :)))

Form 6

Hi Vera.

the late reply miss .