

**ENHANCING MEMORY IN
SECOND LANGUAGE
ACQUISITION USING BRAIN
BASED LEARNING STYLE**

WAFAA METWALLI



BRAIN- BASED EDUCATION THEME

In everything we do we use our brain; let's

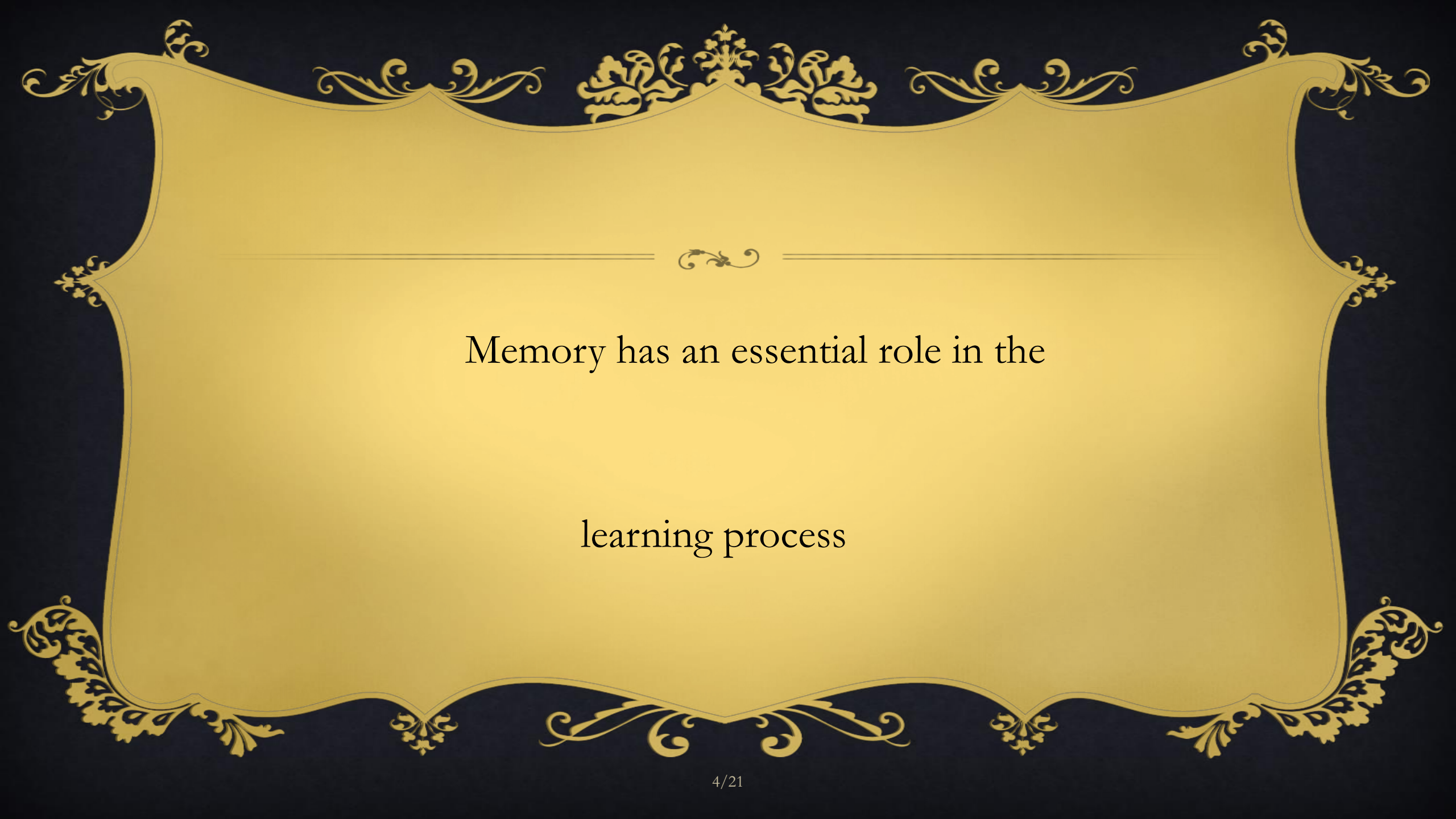
know more about it and apply that

knowledge



Human Brain has an extensive repertoire

stored in the memory

The image features a dark blue background with a large, ornate gold frame. The frame is highly decorative, with intricate scrollwork and floral patterns at the top, bottom, and corners. Inside the frame, the text "Memory has an essential role in the learning process" is centered. The text is in a black, serif font and is split into two lines. A thin horizontal line with a small decorative flourish in the center is positioned above the first line of text.

Memory has an essential role in the


learning process



Synchronizing components of

memory assist in restoring

information



Language Acquisition is a process that allows

perceiving , producing and using

words in communication



The relation between **route & rate** in

developing the acquisition of a second

language



Memory 's largest categories are

the Short term memory (working memory)

&

the Long term memory



STM role is to store temporarily the received

information at the

frontal lobe



While **LTM** is for the retention

of the learned

information



How do we remember and

why do we often

forget?



The fundamental problem lays in

the brain 's ability to record sensory

information clearly not its ability to

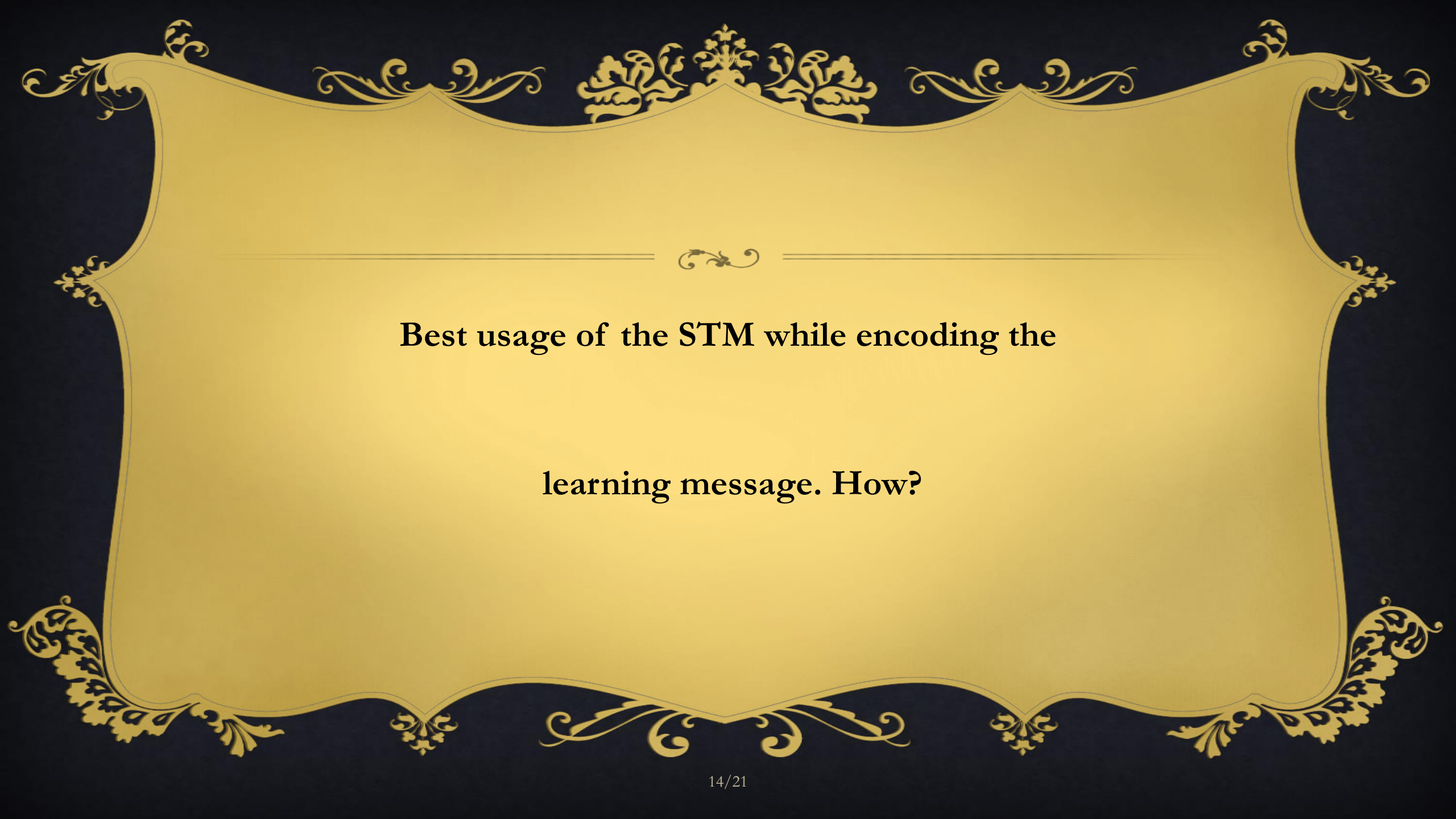
REMEMBER



The brain based style of learning is

establishing connections between

brain function & educational practice



**Best usage of the STM while encoding the
learning message. How?**

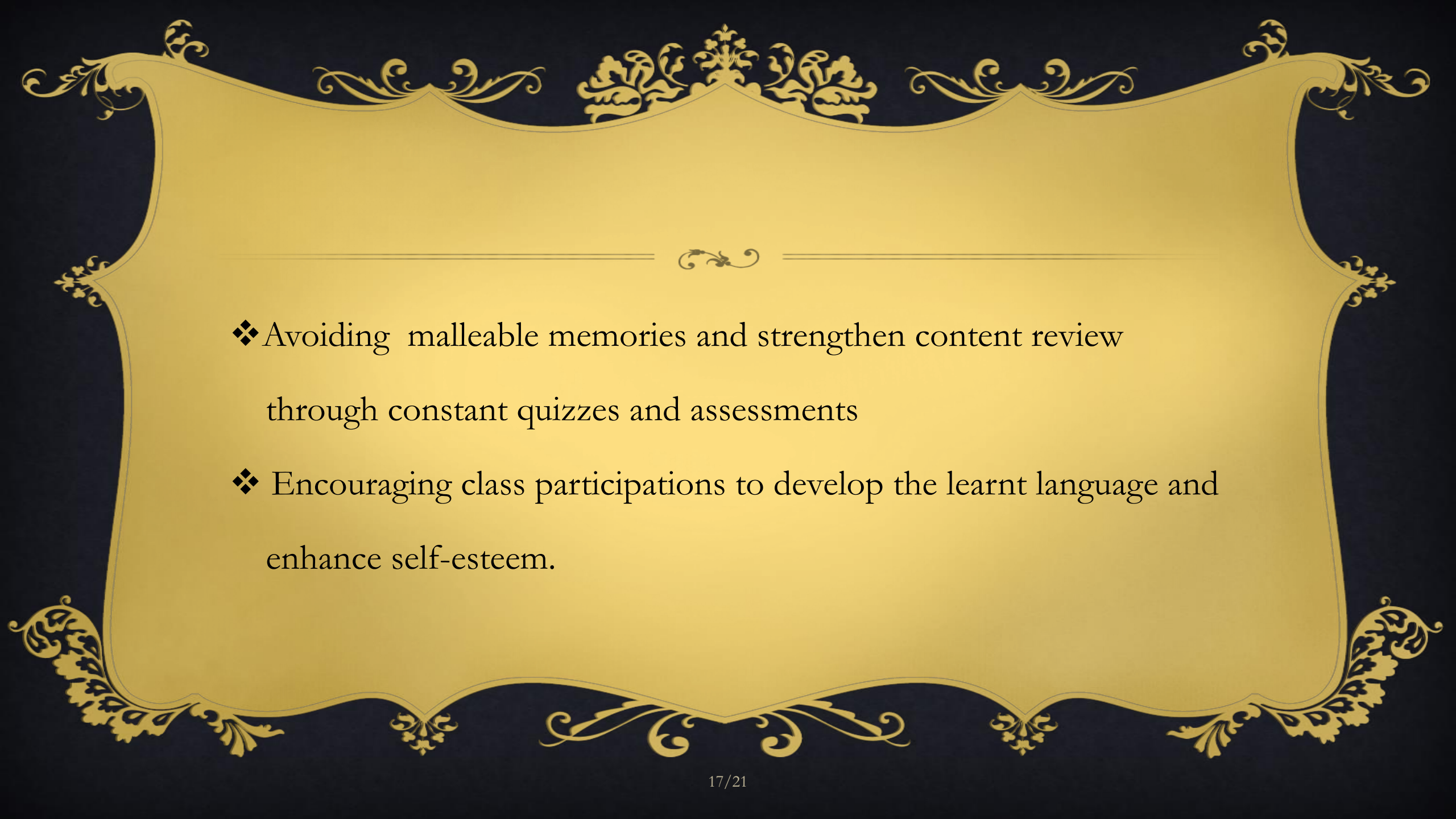


The decoding results will be agreeable

as well as encouraging . How ?

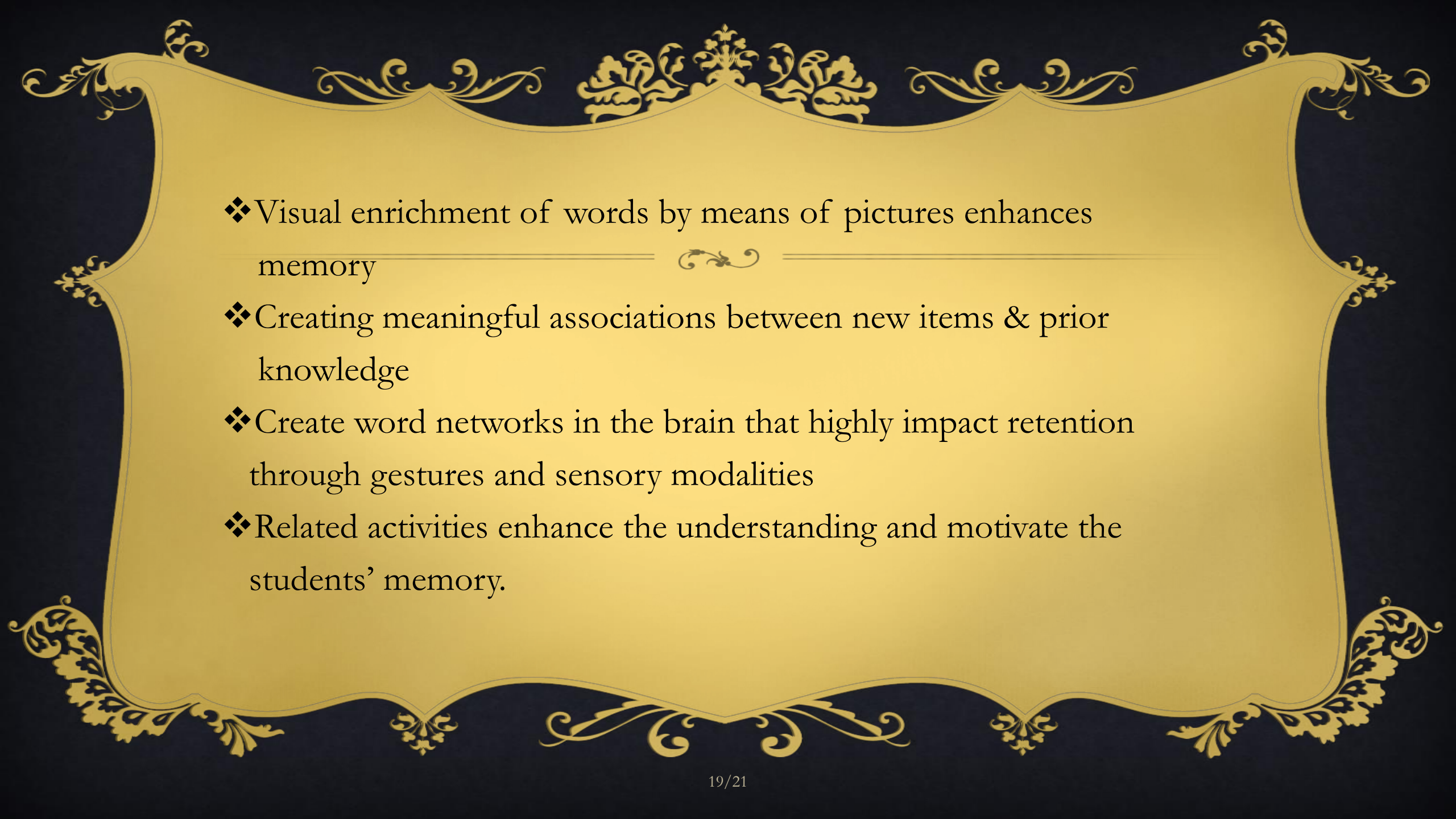
CLASS TIPS

- ❖ Permitting free regulated activities during lesson classes soften stress and boost neurogenesis that accelerates learning
- ❖ Engaging students in healthy social relationship as isolation correlates with feeble acquisition of language, fewer brain cells and demolish of memory

- 
-
- ❖ Avoiding malleable memories and strengthen content review through constant quizzes and assessments
 - ❖ Encouraging class participations to develop the learnt language and enhance self-esteem.

INSTRUCTORS TIPS

- ❖ Organizing and Classifying the given information in a synchronized mode between STM & LTM to be stored and retrieved
- ❖ Distributing the content among smaller chunk sizes (4 per 8 minutes) depending on the degree of difficulty and the prior knowlege
- ❖ Content input should not last more than 15 consecutive minutes

- 
- ❖ Visual enrichment of words by means of pictures enhances memory
 - ❖ Creating meaningful associations between new items & prior knowledge
 - ❖ Create word networks in the brain that highly impact retention through gestures and sensory modalities
 - ❖ Related activities enhance the understanding and motivate the students' memory.

AVOID

These are the chief causes for memory lapses:

Stress

Multitasking

Poor nutrition

Exhaustion

An ornate, gold-colored frame with intricate floral and scrollwork patterns surrounds the central text. The frame has a decorative top and bottom edge with pointed corners. A horizontal line with a small floral ornament in the center is positioned above the text.

Thank you