When & How to Lecture

Lecture=

Teacher talks [& writes on board]

Students listen [& take notes]



1. Lecture is an artifact.



1. Student learning outcomes Subvert the forgetting curve



content skills affect

Teacher:

meaningful repetition

Students: active processing

Mastering a skill:

1.Observe model

2.Practice

3.Get feedback

Lecture to model verbal skills. (Think aloud.)

Lecture to convey

info not available

anywhere else

e.g, \*background knowledge

\*adapting knowledge

\*particular organization of the content

\*personal viewpoint or own research

\*up to date material

Lecture if you are enthusiastic & expressive.



Magic BB#1:

Pause every 15 minutes for 2-3 minutes of processing [CATs]

Magic BB#2:

Chunk: 7±2

Magic BB#3:

Student active processing:

Before (Metacognition)

Beginning (Focusing activity)

During (Respond to tchr)

End (Student review)