



HELPING STUDENTS WRITE LIKE THINKERS

JO MORRIS: THE WRITE COACH



STANDARD: AS91328 (2.2)

Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills

Achievement

- Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.

Achievement with Merit

- Demonstrate in-depth understanding of how and why biophysical principles relate to the learning of physical skills.

Achievement with Excellence

- Demonstrate comprehensive understanding of how and why biophysical principles relate to the learning of physical skills.

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EXPLANATORY NOTES

Achieved: Demonstrate understanding involves **explaining** how and why biophysical principles relate to the learning of physical skills.

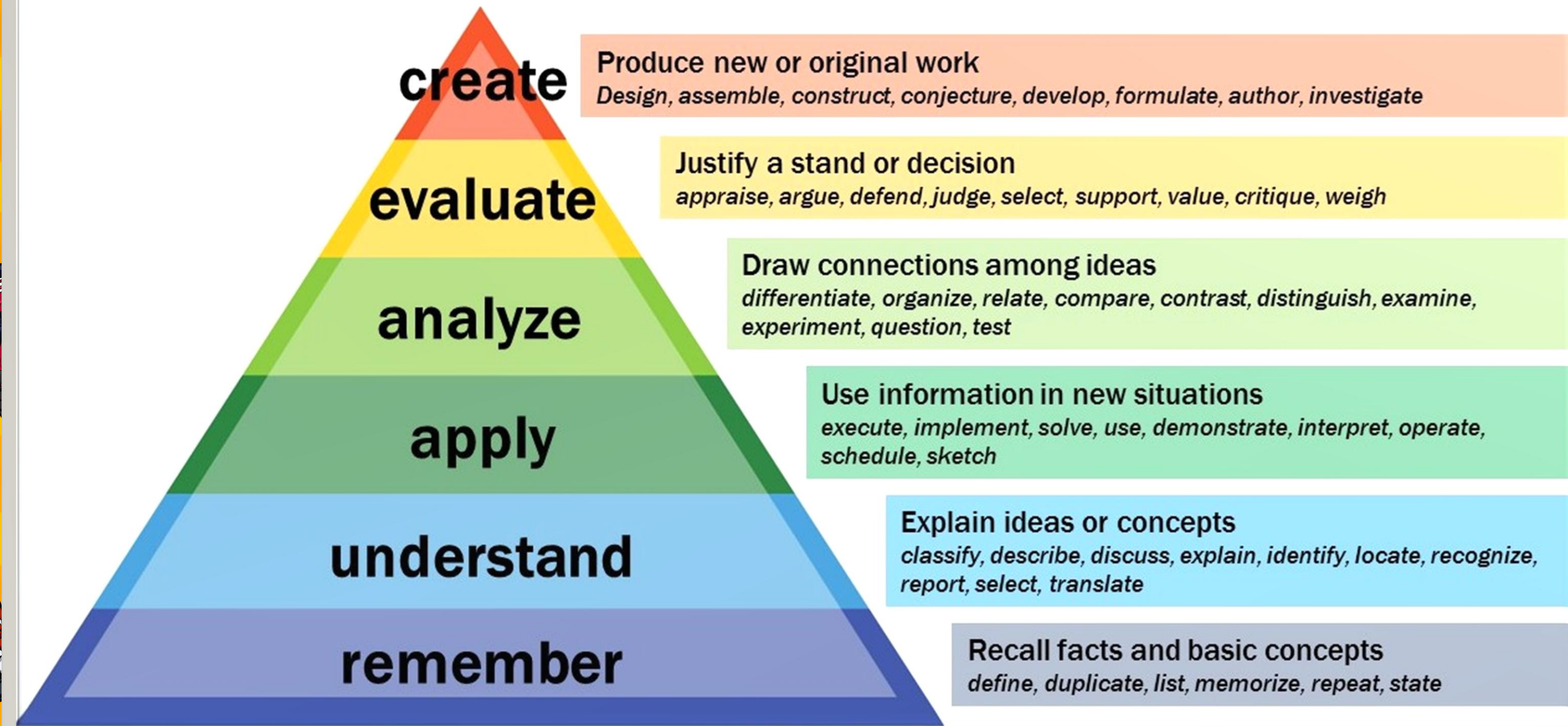
Merit: Demonstrate in-depth understanding involves **explaining fully** how and why biophysical principles relate to the learning of physical skills, as well as the interrelationship between biophysical principles.

Excellence: Demonstrate comprehensive understanding involves **evaluating** how and why biophysical principles relate to the learning of physical skills, as well as the interrelationship between the biophysical principles.



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Bloom's Taxonomy



TO GET EXCELLENCE

STUDENTS MUST:

- Integrate multiple biophysical principles (e.g. anatomy, biomechanics, motor learning) with specific examples from their own skill development.
- Explain cause and effect: not just what happened, but why it happened, and how understanding helped them improve.
- Critically evaluate: Which principles were most useful and why? Were there limitations?

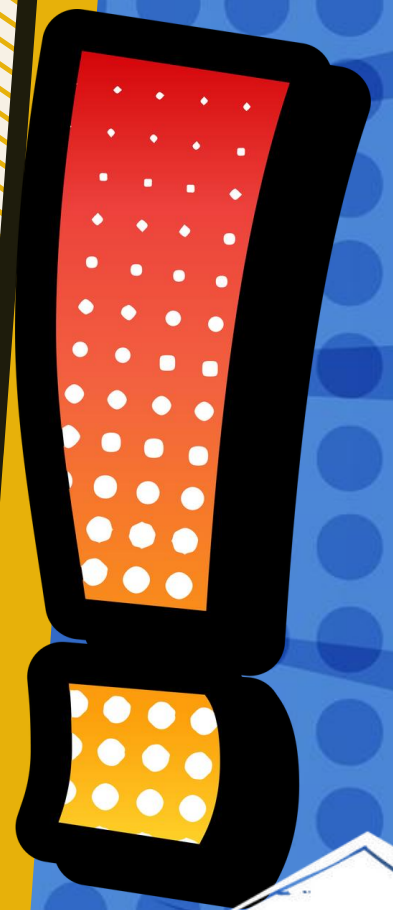


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ACHIEVED V EXCELLENCE

Once I had observed my student I made a lesson plan that I believe would suit my player and his skills that he already has. My student had very good flexion at the elbows and at his wrists with the set, this helps him get better projectile motion from the ball by getting lots of height on the ball to get it over the net,

In my observation, I noticed that the player is not extending his elbow when contacting the ball this is having an effect on both the projectile motion of the serve and the amount of force exerted in the shot, this is related to the principle of force summation as well as the fact that $f=m \times a$. I therefore devised the balloon drill and then returned to the use of a ball.



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ACHIEVED

• Once I had observed my student I made a lesson plan that I believe would suit my player and his skills that he already has. My student had very good flexion at the elbows and at his wrists with the set, this helps him get better projectile motion from the ball by getting lots of height on the ball to get it over the net,

LOW EXCELLENCE

In my observation, I noticed that the player is not extending his elbow when contacting the ball this is having an effect on both the projectile motion of the serve and the amount of force exerted in the shot, this is related to the principle of force summation as well as the fact that $f = m \times a$. I therefore devised the balloon drill and then returned to the use of a ball.

TECHNICAL LANGUAGE

OBSERVATION/
description

CONNECTING WORDS

JUDGEMENT



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STRATEGIES

5 Minute Write

Connecting/Judgement Words

Sentence Starters

Scaffolding



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WHY USE THESE?

➤ The key to using strategies is to help students understand how making deliberate language choices will make them sound brainy!

➤ That means that they need to know the FUNCTION of the different pieces of language they're using.



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5 MINUTE WRITE

A short, timed writing task that students complete in response to a specific prompt.

The aim is practice, not perfection.

Use starters like:

- "What principle helped you most today, and why?"
- "How did feedback help you adjust your technique?"
- "What stage of learning are you in with this skill? Give evidence."



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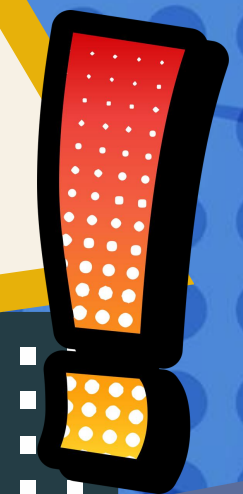
WORD CHOICE

Show cause and effect, relationships and a connection between theory and practice

Joining thoughts... and, but, so, because, when, while

Showing relationships... in, among, between, above, around

Showing judgement,,, although, despite, importantly, In contrast, the most successful, as a result, I learned



SENTENCE STARTERS

Help to frame complex thoughts

Some examples:

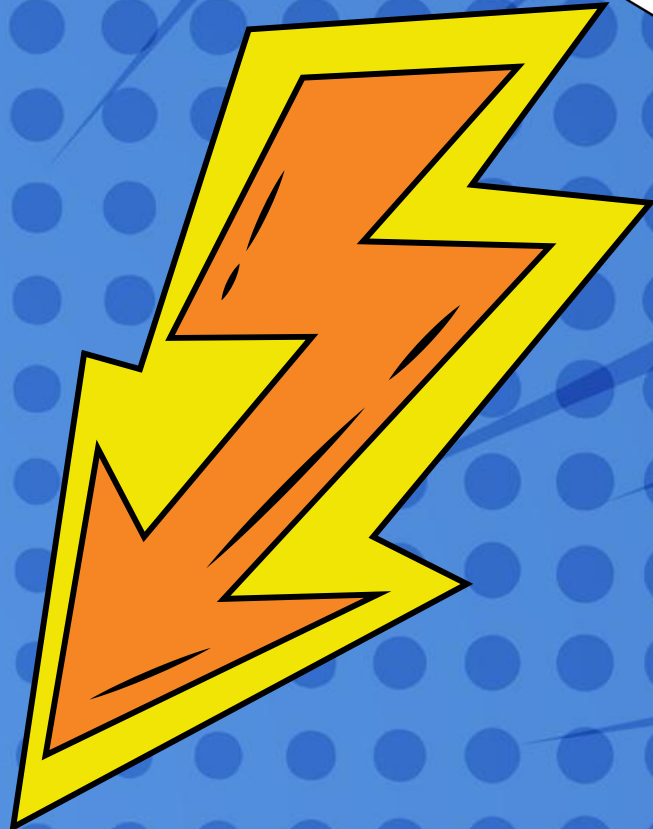
This principle was crucial because...

A limitation of this method was...

The most effective approach was... because...



SCAFFOLD



Introduce the Context

Explain the Principle in Detail

Apply the Principle to Your Situation

Analyse the Impact

Evaluate



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USE AI!

- *Generate Critical Questions**
- *Create Exemplars**
- *Write Sentences using key phrases (just don't use the actual content!)**



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Thank You



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