

EME6028 Interactive Media

E-Learning Module Development Project (Captive Projects)

IMA4 Storyboard: Amanda Glover

1) Multiplication in the double digits

By: Amanda Glover

2) What is multiplication?

Survey question

3) Multiplication video

(Embedded?)

4) Strategies:

Area Model & Distributive Property

5) Area Model

(instructional video embedded?)

6-9) Questions

Multiple choice?

Fill in the blank?

Drag and drop?

10) Strategies recap:

Area Model & Distributive Property

11) Distributive Property

(instructional video embedded?)

12-14) Questions

Matching?

Fill in the blank?

15) Strategies recap:

Area Model & Distributive Property

16-17) Questions, multiple choice, choose your own strategy

18) Thank you!

Slide 1: Introduction to the E-Learning Course

Title: Multiplication in the Double Digits

Facilitated and narrated by: Amanda Glover

Slide 2: What is multiplication?

Survey question

Get the participants thinking about their prior knowledge.

Slide 3: In case participants do not feel confident with the concept of multiplication, add video from Math & Learning 4 Kids Youtube channel, grade 3 about multiplication.

Slide 4: Introduce the strategies in the e-learning module- area model and distributive property.

Slide 5: Area Model instructional video from Khan Academy <https://youtu.be/vbGwcvXgDlq>

Slide 6-9: Assessment questions- varying styles- focused on the disaggregation of the numbers and placing into the area model. 28x14, 25x34, 12x17, 56x35

Slide 10: review the strategies being taught and “check” off what’s done

Slide 11: Area Model instructional video from Khan Academy <https://youtu.be/3JmnrR8nEi8>

Slide 12-14: Assessment questions- varying styles- focused on the disaggregation of the numbers and distributing using place value. 34x12, 12x16, 16x34, 18x42, 23x19

Slide 15: Review the strategies being taught in the module and emphasize that both use place value to break apart the numbers.

Slide 16-17: Final assessment questions (multiple choice), participants can choose their own strategy to solve for the product.

Slide 18: Thank you and list video resources