



## Challenge 5

### “30 Second Challenge: 30 second challenge multiply two advanced green dice”

#### Purpose of the activity:

- Student tries to multiply two one digit or two digit numbers as fast as possible while saying the answer out loud.

#### Materials needed:

- Two advanced green dice and a timer. A device to count would be helpful.

#### How to play:

- Teacher gives Student two advanced green dice and has Student multiply the two dice as many times as they can in 30 seconds. Teacher will time the player and count how many correct answers are achieved.

#### Possible Next Steps/ When to Move On To Next Activity:

- This activity is suitable for Students of all abilities as the Student can continue to improve their score. When a Student is accurate and quick you can increase the difficulty by multiplying three green dice together, although this could result in very large products. For example, other than the exceptionally talented or highly motivated Student  $6 \times 9 \times 13$  may be a problem that is not practical to perform “in your head”.