

Recognising and Making Doubles

LEARNING TO RECOGNISE AND MAKE DOUBLES WITH NUMBERS UP TO 10

ESSENTIAL QUESTION

How do you double a number?

WHAT ARE WE LEARNING?

- Number patterns based on twos
- To recognise the double of a number up to 10
- How to double numbers up to 20

TRY THIS WITH

- Years 1-2
- Students who have an interest in how numbers work
- Students who love playing dice games

FIND

- Match
- Select
- Demonstrate
- Ask
- Recall
- Name

Count along to the [Counting by Twos](#) video. Play it again with the sound off so students do the counting. Display a hundreds square and ask for students to point to the appropriate number (eg. 2, 4, 6, 8) as the others count along to the video.

Use students to demonstrate making doubles by adding the same number. For example one student + one student = two students. Keep going until you have doubled six students.

Record the answers by marking them on a hundred square.

Identify that the answers are even numbers and the same as counting in twos.



APPLY

- Practice
- Associate
- Distinguish
- Model
- Employ
- Identify

Practise making doubles.

Roll a dice and double the number rolled. Students can use a number line to count on the correct number, do the sum in their head or any other appropriate strategy.

Use counters, unifix cubes, cuisenaire rods or buttons to help if needed.

Pair students up and give each pair numbers 1-20 or 1-12 written on cards.

Place the cards face down and take turns choosing one. Double the number chosen or try to recognise the number that was doubled to get it (e.g. if they choose 12 they can say 6+6).

PRODUCE

- Revise
- Combine
- Explain
- Decide
- Choose
- Agree

Pair up play [Doubles to 12](#).

Roll the dice. Double the number rolled and place a counter over the corresponding double on the game sheet. Another idea is to record the adding they did to find the double eg. $2+2=4$.

Decide if each pair will have

- One copy of the game sheet between them

OR

- A game sheet each

If they have one between them they can play until all possible dots are covered and count up to see who has the most covered.

If they have a sheet each the idea is to be the first to cover all the doubles.

SUCCESS CRITERIA

Students can check they have successfully completed the challenge by:

- Recognising doubles during the practice session
- Correctly adding the same number to get a double
- Placing counters on the correct numbers during the activity

PRINCIPLES	VALUES	KEY COMPETENCIES	LEARNING AREAS	WORD BANK	RESOURCES REQUIRED
Learning to learn Coherence	Integrity Excellence	Thinking Participating and contributing Using language, symbols and texts	Mathematics and Statistics	Double Add Strategy Check	Doubles to 12 activity Counting by Twos video