

## Array Iterator Methods

METHOD	DESCRIPTION	RETURNS	USE CASE
forEach()	Loops through each item	undefined	Show each product in UI
map()	Transforms items into a new array	New Array	Double each score
filter()	Keeps items that pass a condition	Filtered Array	Get passed students
reduce()	Combines all items into one value	Single Value	Total cart price
reduceRight()	Same as reduce, but right to left	Single Value	Reverse calculation
find()	Finds first matching item	Item / undefined	Find first adult
findLast()	Finds last matching item	Item / undefined	Find last active user
findIndex()	Index of first matching item	Index / -1	Index of first error
findLastIndex()	Index of last matching item	Index / -1	Last 404 index
some()	Checks if at least one passes	true / false	Any task completed?
every()	Checks if all pass	true / false	All marks over 40?
flatMap()	Map and flatten in one step	Flat Array	Split sentences into words
entries()	Get [index, value] pairs	Iterator	Use with for...of
keys()	Get indexes	Iterator	Loop over indexes
values()	Get values only	Iterator	Loop over values