

Name _____

Date _____

Four students entered the science fair. Each student made a different project and is in a different grade.

Use the clues to find each student's project and grade.

Clues

1. Leo is one grade above Hana.
2. Either Jada or Leo made the plant maze.
3. Jada is in grade 3.
4. The student who made the solar oven is one grade above Jada.
5. Leo is not in grade 5.
6. The student who made the magnet car is in grade 6.

		Project				Grade			
		plant maze	weather station	magnet car	solar oven	3	4	5	6
Name	Hana								
	Jada								
	Leo								
	Omar								
Grade	3								
	4								
	5								
	6								

Answers

Hana

_____ project
_____ grade

Jada

_____ project
_____ grade

Leo

_____ project
_____ grade

Omar

_____ project
_____ grade

Three grids, one answer

A • joins two things, so they share every other mark. When you find a •, look along both of its lines into the other grids and copy each X and • from one to the other.

New to logic puzzles? See printablescholar.com/logic-puzzles/how-to-solve

A ● marks a yes and an X marks a no. Every box can be filled in from the clues.

Name	Project	Grade
Hana	weather station	5
Jada	plant maze	3
Leo	magnet car	6
Omar	solar oven	4

		Project				Grade			
		plant maze	weather station	magnet car	solar oven	3	4	5	6
Name	Hana	X	●	X	X	X	X	●	X
	Jada	●	X	X	X	●	X	X	X
	Leo	X	X	●	X	X	X	X	●
	Omar	X	X	X	●	X	●	X	X
Grade	3	●	X	X	X				
	4	X	X	X	●				
	5	X	●	X	X				
	6	X	X	●	X				