



2022 Team Up Challenge

Logic Puzzle

At a farm school there are five different kinds of animals to feed every morning: cows, goats, pigs, sheep, and horses. Aditi, Brigid, Corina, Damien, and Eliel are the students responsible for feeding the animals on weekdays. The students have created a weekly schedule so that each student feeds one kind of animal each day. Use the clues below to determine which student feeds which kind of animal each day. Then complete the weekly schedule with the names of the students.

- (1) The student who feeds the cows on Thursday also feeds the horses on Wednesday.
- (2) Damien feeds the sheep on only Monday and Wednesday.
- (3) The same student feeds the horses on Monday, Tuesday, and Wednesday.
- (4) Eliel feeds all the animals except for the cows.
- (5) Damien feeds only the pigs and the sheep.
- (6) Every day that Damien feeds the pigs, Corina feeds the goats.
- (7) The sheep are fed by four different students each week.
- (8) The student who feeds the cows on Monday also feeds the goats on Tuesday.
- (9) The student who feeds the goats on Monday also feeds the cows on Tuesday.
- (10) Aditi does not feed the same kind of animal more than twice each week.



Tips to Get Started

- You are encouraged to use the answer sheet to write any information you know from the clues. This could include putting more than one name in a box, or indicating that two particular boxes must or must not contain the same name.
- Note that the clues are not given in a specific order, and at times you will need to combine the information given in several different clues.



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Logic Puzzle Answer Sheet

Team: _____

Complete the weekly schedule with the name of the student who feeds each kind of animal on each day of the week.

		Day of the Week				
		Monday	Tuesday	Wednesday	Thursday	Friday
Kind of Animal	cows					
	goats					
	pigs					
	sheep					
	horses					