



Puzzling Path



Behold the Fleming cannon! The cannon, operated by students of Fleming House, fires at the end of rotation and the end of the academic year, marking when pre-first years become first years and juniors become seniors. Rotation, traditionally taking place at the beginning of the academic year, is where the new Caltech undergraduates rotate through Caltech's eight Houses to decide which ones they are most interested in being a part of or if they would rather remain unaffiliated. After the Fleming cannon fires, the now-officially first years receive their House or unaffiliated status assignments. Can you help the new Techers find their way to their residences?

IMPORTANT: DO NOT TOUCH THE CANNON. You do not want to know why.

In each of the following puzzles, the beavers in the pair of grids move together, with the exception of moving into a wall, which will keep a beaver in the same space. A move consists of moving one cell up, down, left, or right (or staying in the same spot if that direction is blocked by a wall). You must use exactly the number of moves provided. Each puzzle has a unique sequence of steps that will take the beavers to their end destination.



Example: 4 moves



		
		



Solution: Up Up Right Right



Avery House: 4 moves



		



Blacker House: 4 moves



		
		



Dabney House: 4 moves



		



Fleming House: 4 moves



	 	



Lloyd House: 4 moves



		
		



Page House: 5 moves



		
		



Ricketts House: 5 moves



		
		



Venerable House: 5 moves


		
		

Bechtel Residence: 5 moves

Your Destination

I	R	O	O	E
B	U	M	S	P
C	K	 L	V	O
A	F	S	N	K
T	N	D	D	Q

Start at the center each time and use the previous puzzles to spell out your next destination:

Avery-Blacker-Dabney-Avery-Fleming-Lloyd

Page-Ricketts-Venerable-Bechtel

Credits: This puzzle is adapted from the Travel Puzzle made by Logan Apple ('20) for the 2021 Dabney Ditch Day Museum Tour stack.