

## SCIENCE TASK A

### Task A

Jeremy is planning ahead for his vacation next year. He has decided that he'd like to travel to a place where he can enjoy outdoor camping, hiking, and fishing with his Labrador retriever, Sadie. Jeremy's tent is rated for temperatures above freezing (32 degrees F). Sadie prefers not be too active when the temperature is over 70 degrees F.

Create a bar graph that shows the average monthly high and low temperatures in each city. Identify where and when Jeremy should go on vacation.

	Amber Lake		Bakersville		Chesterton	
	Mean Low Temperature	Mean High Temperature	Mean Low Temperature	Mean High Temperature	Mean Low Temperature	Mean High Temperature
January	20	38	40	61	53	80
February	22	42	43	65	54	78
March	28	51	49	72	52	72
April	38	64	56	78	44	68
May	47	73	65	85	35	57
June	56	81	70	90	34	53
July	61	85	73	92	32	50
August	60	83	72	92	34	54
September	52	76	67	88	38	60
October	41	65	57	81	42	65
November	33	53	49	72	52	69
December	24	41	42	64	54	70

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## SCIENCE TASK B

### Task B

Jeremy is planning ahead for his vacation next year. He has decided that he'd like to travel to a place where he can enjoy outdoor camping, hiking, and fishing with his Labrador retriever, Sadie. Jeremy's tent is rated for temperatures above freezing (32 degrees F). Sadie prefers not be too active when the temperature is over 70 degrees F.

Using the same data provided in Task A, create a representation that will help you to show which city Jeremy should visit and what time of year (spring, fall, winter, or summer). You may represent your data in any way you choose. You may choose to represent all or only some of the data, as long as you can use your representation to justify your recommendations for Jeremy's vacation (where to go and when to go there).

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