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AP Statistics: Experimental Design

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|  |  |  |  E |  |  O |  |  |  | 6S |  T |  R |  A |  T |  I |  F |  I |  E |  D |  |  |  |  |  |  |  |  P |  |  |  |
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|  |  |  |  A |  |  B |  |  | 7F |  |  |  A |  |  H |  |  |  | 8C |  |  |  |  |  |  |  |  |  A |  |  |  |
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|  |  |  |  P |  |  E |  |  |  | 14N |  O |  N |  R |  E |  S |  P |  O |  N |  S |  E |  |  L |  |  |  |  |  A |  |  |  |
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| **Across****6.** when you select some subjects from each subgroup**10.** some groups of people are ignored**12.** when subjects voluntarily choose to be in the sample (3 words)**13.** when a study systematically favors one outcome over another**14.** some subjects that are chosen do not answer (3 words)**15.** y variable (2 words)**16.** when subjects give incorrect answers because they forgot or are lying (2 words)**17.** scientists only observe, no treatment is imposed (2 words)**18.** choosing every nth person | **Down****1.** a type of sampling that gives every individual and every group of size n an equal chance of being chosen**2.** a special case of block design in which each block consists of only 2 subjects (3 words)**3.** x variable (2 words)**4.** the subject nor the person handing out the treatments know if the subjects are getting the treatment or placebo**5.** the combinations you will test**7.** all the explanatory variables**8.** when you select whoever you run into to be in the sample**9.** the choices you have for each factor**11.** used for comparison (can get no treatment or old treatment (2 words) |