**Supplemental Table 1**: COMPASS survey questions used to generate student-level measures.

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| **Study measure** | **Survey question** |
| *Outcome variables* |
| Weekday soft drink consumption | In a usual school week (Monday to Friday), on how many days do you do the following?* Drink sugar-sweetened beverages (soda pop, Kool-Aid, Gatorade, etc.) Do not include diet/sugar-free drinks.

Response options: none; 1 day; 2 days; 3 days; 4 days; 5 days |
| Weekday sweetened coffee/tea consumption | In a usual school week (Monday to Friday), on how many days do you do the following?* Drink coffee or tea with sugar (cappuccino, Frappuccino, iced-tea, iced-coffees, etc.)

Response options: none; 1 day; 2 days; 3 days; 4 days; 5 days |
| Weekday energy drink consumption | In a usual school week (Monday to Friday), on how many days do you do the following?* Drink high-energy drinks (Red Bull, Monster, Rock Star, etc.)

Response options: none; 1 day; 2 days; 3 days; 4 days; 5 days |
| Composite SSB score | Sum of three responses above. |
| *Control variables* |
| Gender | Are you female or male?Response options: female; male |
| Grade | What grade are you in?Response options: Grade 9; Grade 10; Grade 11; Grade 12 |
| Ethnicity | How would you describe yourself? *(Mark all that apply.)*Response options: White; Black; Asian; Aboriginal (First Nations, Metis, Inuit); Latin American/Hispanic; Other |
| Weight status | How tall are you without your shoes on? *(Please write your height in feet and inches OR in centimetres, and then fill in the appropriate numbers for your height.)*How much do you weigh without your shoes on? *(Please write your weight in pounds OR in kilograms, and then fill in the appropriate numbers for your weight.)* |
| Personal weekly spending money | About how much money do you usually get each week to spend on yourself or to save? *(Remember to include all money from allowances and jobs like baby-sitting, delivering papers, etc.)*Response options: zero; $1 to $5; $6 to $10; $11 to $20; $21 to $40; $41 to $100; more than $100; I do not know how much money I get each week |
| Truancy | In the last 4 weeks, how many classes did you skip when you were not supposed to?Response options: 0 classes; 1 or 2 classes; 3 to 5 classes; 6 to 10 classes; 11 to 20 classes; more than 20 classes |
| Weight goal | Which of the following are you trying to do about your weight?Response options: lose weight; gain weight; stay the same weight; I am not trying to do anything about my weight |