1) Have any data been collected for this study already?
No, no data have been collected for this study yet.

2) What’s the main question being asked or hypothesis being tested in this study?
H1: We predict that people will mispredict their creativity across the idea generation session such that they will predict that their creativity declines across the session to a greater extent than it actually does.
H2: We predict that people’s creativity predictions will be accounted for, in part, by their expectations for how difficult it will feel to generate ideas across the task.

3) Describe the key dependent variable(s) specifying how they will be measured.
Creativity predictions. Participants will make 5 predictions of average creativity across the task.
Actual creativity. Creativity will be rated by a separate sample of judges and average creativity will be computed for 5 timepoints across the task that correspond to the prediction timepoints.
Predicted difficulty. Participants will make 5 predictions of how difficult it will feel to generate ideas across the task.

4) How many and which conditions will participants be assigned to?
One condition within-participants design.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
H1: We will look for a significant 2 (predicted creativity, actual creativity) x 5 (time) interaction. We will probe the simple slopes of the interaction with trend analyses, with the expectation that predictions will slope more negatively than actual creativity. We do not have strong predictions about which polynomial form the slopes will take.
H2: We will use mixed model regression to see if difficulty predictions explain creativity predictions, with time as a nested factor.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
We will exclude participants who: fail an attention check, do not write any ideas during the main task, or primarily write things during the main task that indicate they are not taking the study seriously (e.g., “I'm hungry, I'm hungry”).

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.
150 participants.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)
Creative ideas. As is common practice in the creativity literature, we will compute the number of creative ideas generated (# of ideas above the sample grand mean) and analyze it similarly to average creativity.

Actual difficulty. After the task, participants will report how difficult it felt to generate ideas across the task at the 5 timepoints that correspond to the 5 predictions. We will look for a relationship between actual creativity and actual difficulty. We do not have strong predictions here.