**Added comments from 09 April 2018 are in purple!**

Priorities: in general we’re aiming to get good working versions of the individual tasks ASAP (ideally by the end of this week). This involves:

* Big5 (very small changes)
* Team Role Task (main thing here is just to add in other scenarios)
* Memory
  + Focus on the “Individual\_Memory\_Test.pptx” at this stage. The “group\_memory\_test” material can wait. This is the main priority, I think.
* RMET
  + Great news that you’ve already got a version of this!
* Individual Cryptography Task
  + This works great. We really just need a practice element (described below)
* Individual Optomization Task
  + Again, this task works great, but it would help to have a practice element
* Shapes
  + We only need the first Shapes sub-test. This is basically good to go [just cosmetic changes, described in this doc].

The rest of this doc us just an updated version of the feedback from last week [where I’ve removed things you’ve already done, and added feedback from today in purple].

**Big Five**

* Typo in the text of the opening paragraph: “This will take about 10 minutes. Remember, ~~you~~ ***your*** answers will be kept in absolute confidence…”.
* On the answer page, get rid of all text above the answers, and replace with following sentence:
  + “In relation to other people of the same gender who are roughly the same age, I would say that I:”
* Remove the “1. Very True”, “2. Somewhat True” etc…
* Can we make the 1/5, 2/5 right next to the “Next button”
* Throughout this task, no need to have a “back” button (in fact we’d prefer it if people just continue on)
  + Also, for Big5, we don’t need to give people an opportunity to review [i.e. the last page]

**Team Role Test**

* **I couldn’t spot the clock in the top corner**
* **Can the “back” button say “back to scenario description”**
* Change opening wording:

### *The purpose of this test is to better understand how you work in a team context. You will be asked to make judgments about the best ways to act in a team facing a specific situation. You will try to identify good responses. Some answers are better than others!*

### *You will be presented with several different situations. You will have 5 minutes for the first situation (see the timer in the top left of the screen). The time will start when you hit “Next”.*

### *After they’ve completed the first scenario, we have a page saying:*

### Thank you. There are three more scenarios. You have a total of 9 minutes to complete these.

### [Then let people move between scenarios 2 to 4 with a back button, and give them a total of 9 minutes].

**Memory**

Definitely a focus for this week!

### Cryptography

### Individual Version of the Task

### Need a header that says “Cryptography Task”

### As we discussed, at some point, we may want to have the mapping of letters and numbers *stay* on the screen [so people can keep track of where they are?]. Don’t worry about this just yet.

### Practice round for individuals

### I’d like to include a practice round for this, as I think it’s a pretty tricky task. The main idea here is to split the instructions up a bit, and to let people have a few tries at the different elements of a “trial”.

### On the first page, the instructions are as follows:

### ‘Cryptography’ Task [heading in bold] In this task, letters each correspond to a number. The goal of the task is to find out which letter corresponds to each number.

### We’ll start with a practice. To make things clear, say the *correspondence* [which you won’t know] is as follows: A=1, B=0, C=2, D=3, E=9, F=4, G=6, H=5, I=8, J=7

### Your goal is to uncover this mapping with the minimum number of "trials". A trial involves three steps: EQUATION; HYPOTHESIS; GUESS.

### First, let’s look at “EQUATION”. Write a combination of letters (with + and -).

### For example:

### You might propose A+C. The computer will then tell you A+C=D You could also propose CC-A. The computer will then tell you CC-A=CA

### Practice: enter an equation!

### [Box for equation, and give them the output when they hit ‘enter’]

### Try another equation:

### [Box for equation, and give them the output when they hit ‘enter’]

### New page. Second you can suggest a HYPOTHESIS. For example: C=3. If this were your hypothesis, the computer would tell you “FALSE”. If you had proposed C=2 then, in this case the computer would say “TRUE”

### Practice: enter a HYPOTHESIS

### [Box for hypothesis, and given them a “TRUE/FALSE” as appropriate]

### Have another practice

### [Box for hypothesis, and given them a “TRUE/FALSE” as appropriate]

### New page. Third, and last, at the end of each trial, the group guesses at the whole mapping. If you are correct, the task is complete! If not, we start another trial.

### Show the “guess the mapping” setup [but people don’t need to fill this in…they can just submit]

### New page [with the following text]. To review:

### You will have a maximum of 15 trials and 10 minutes to solve the cryptography task. Each trial has three elements:

### Propose an equation (e.g. CC+B-A = ?)

### Hypothesis (e.g. C=1)

### Guess the mapping

### The overall goal is to solve the whole puzzle in the minimum number of trials. If you don’t solve the task, you will get some points for each letter-number combination you correctly identify.

### Note to Gabe about Cryptography scoring:

### We’d like three numbers:

### Elements of the mapping correctly identified [score out of 10]

### Number of trials taken during the period [this will be a number from 1-15]

### Total time taken when last trial was submitted

### Formatting:

### In the “Propose a Hypothesis” phase, some of the letters (e.g. D) get cut off [we may need to make the font smaller]

### 

### Group Cryptography Task [NOT A PRIORITY FOR THIS WEEK]

### Can we have this as an independent task? [i.e. we want people to be able to do the Group Cryptography without having to do the Individual version]

### On the first page, can we have the following instructions:

### ‘Cryptography’ Task [heading in bold] This is exactly the same as the ‘cryptography task’ you individually when you first came to the lab. Now, you will do this task *as a group.*

### You will just use one laptop for this task. Decide now which computer you will use, and click “Group Sign In” on that laptop. Feel free to close the other laptops, as you won’t be needing them until after the break. Note to Gabe: I’m going to make the Cryptography task the last task that a group does.

### Text

### Get rid of “This is a group task” at the start of the Cryptography Group Task.

### After people have hit “Group Sign In” the first paragraph should read:

### “As a reminder, the letters A-J have been randomly mapped to the numbers 0-9. The goal for your group is to decipher this mapping in the minimum number of "trials". You have 10 minutes, and 12 trials to find out which letter corresponds to each number”.

### Remember that a trial involves three steps:

### Propose an EQUATION: the group nominates the left-hand side of an equation, using letters, addition and subtraction: e.g. "A+B". The group then receives an answer, e.g. "A+B=EC"

### Propose a HYPOTHESIS: the group makes a guess as to one element of the mapping, e.g. "E=1". The group then gets confirmation about whether their guess is correct: e.g. "E=1 is TRUE"

### GUESS FULL MAPPING: at the end of each trial, the group guesses at the whole mapping. If you are correct, the task is complete. Otherwise a new trial begins. The group will have 0 trials to complete the task.

### Next page

### “Take a minute to discuss your strategy. Click continue when you’re ready to start the 10 minutes. Remember that there’s a clock in the top right corner that tells you how long you have left”

### Optimization Task

### Individual task

### New text for the introduction page

### Optimization Task

### The goal of this task is to try to find the number (between 0 and 300) that results in your computer returning the biggest possible value.

### You will have [6] guesses, which you enter into your own laptop. A guess can be any number between [0] and [300].

### After you enter your guess, the computer will give you back a number. There is a systematic relationship between the number you guess, and the number you receive, but the relationship will often be difficult for you to understand. Every time you type in the same number, the number you receive will be similar (but there is some randomness added in). Usually, numbers that are close to each other will receive outputs.

### After your 6 guesses, you will be asked to enter the number that you believe gives the highest response.

### Practice round

### “Let’s start with a quick practice.

### Say the answer [which you will not know in the test] is 150. Values near 150 return a big number. Values near 0 and 300 return negative numbers.

### Practice: enter a number between 0 and 300…

### “Now, let’s do the real thing. Remember, you get 6 guesses. Good luck!” [click through to actual task]

### Note: at the end of the task, can we say “the actual best answer is X, which is typically associated with an output of Y”.

### Also, I think we’ll ultimately want people to do 3 optimization tasks [I’ll send you some functions to make things whacky and different each time]

### Scoring:

### We’d like to give people the value of f(x) [where x is their final guess] but without the random component.

### Formatting

### Can we squeeze up the guesses, so people don’t need to scroll down?

### Also, can we let people know how many guesses they have left? E.g. Guess 1 of 3, 2 of 3 etc…

### Group Optimsation Task

### New text for the introduction page

### Group Optimization Task

### Now, we will do the optimization task as a group. Recall that the goal of this task is to try to find the number (between 0 and 300) that results in your computer returning the biggest possible value.

### *EACH MEMBER OF THE GROUP* will have [3] guesses, which you enter into your own laptop. A guess can be any number between [0] and [300].

### After you enter your guess, the computer will give you back a number.

### There is a systematic relationship between the number you guess, and the number you receive, but the relationship will be hard to understand. Every time you type in the same number, the number you receive will be similar (but there is some randomness).

### After everyone in your group has used their [3] guesses, the group needs to decide on a single best answer.

### ONE person needs to click “group sign in” and enter your answer.

### NB: ultimately, we will have groups do 3 optimizations.

### Need a page of instructions after “this is a group task”!

### Shapes

### I got stuck whereby I couldn’t go on and do the actual tasks [i.e. I just ran into a button that said ‘back’ after the example]

### Can we remove cookies?

### Can we make the font smaller, so people don’t have to scroll?

### Explanations in the practice text are a bit long.

### Let’s just have two examples

### After the Practices, we have a bunch of text. Specifically we say:

### “You may not have time to finish them all”. We should tell people how long they have [10 minutes]! Can we also remind people that there’s a clock [and make it a bit more prominent]