Welcome to this study!

Hello. Thank you for participating in this study and helping us carry out our research project. This study will take about 1 hour. Your earnings will depend upon your decisions. It is therefore very important that you read all the instructions carefully.

During this study, we will not talk of Dollars or Pounds, but of points. Your earnings will be calculated in points and at the end of the study the total amount of points you will have gained will be converted in British Pounds according to the following exchange rate:

$$100 \text{ points} = 1.00 \text{ GBP}$$

As an addition to your earnings, you will receive a fee of 6 GBP. At the end of the study, you will be informed about the total sum you gained. The study is divided into four parts. Every part of the study will be described and explained in detail gradually as the study advances. Once one part is over, you will receive the instructions for the following part.

You will only be paid fully if you complete all of the four parts in one session of activity. In particular, if you do not complete all parts in time, you will not receive the 6 GBP fee for participation. All the decisions that you will make in the course of the study will stay anonymous. Let us now explain the first (and longest) part to you.

Please enter your Prolific ID

Instructions for Part 1

Group formation
In the beginning of part 1, the computer randomly forms groups of four among the participants who are currently in this study. The composition of each group stays the same throughout Part 1. Part 1 consists of six repetitions of the "game" described below.

The game
Each of the games of part 1 consists of several periods. At the beginning of each period, you receive an ENDOWMENT, e.g. 100 points. Then you must decide how to allocate this endowment between a private account and a special account. The three other members of your group have received the same ENDOWMENT. They individually and simultaneously make the same decision at that time.

The amount you allocate to your private account is yours and will be part of your gains in this game. The amount you allocate to the special account is lost, but will be added to the contributions of the three other members of your group to form the DEPOSIT.

The DEPOSIT, i.e. the total amount allocated to the special account by you and the three other group members in this period, is compared with the double of the ENDOWMENT. This determines the NEXT ENDOWMENT, i.e. the endowment that each group member receives in the following period. The NEXT ENDOWMENT is equal to half of the DEPOSIT, but not larger than the current ENDOWMENT. In other words:

- If the DEPOSIT is greater than or equal to 2*ENDOWMENT, the NEXT ENDOWMENT will be the same as the ENDOWMENT, i.e. NEXT ENDOWMENT = ENDOWMENT
- If the DEPOSIT is smaller than 2*ENDOWMENT, the NEXT ENDOWMENT will be smaller than the ENDOWMENT and equal to the half the DEPOSIT, i.e. NEXT ENDOWMENT = DEPOSIT/2.

In period 1, for example, each group member receives 100 points as an initial ENDOWMENT. If at the end of the first period the group members in sum allocated a DEPOSIT of 240 points to the special account, each member will receive 100 points again in period 2 as the NEXT ENDOWMENT. Note that contributing more than 2*ENDOWMENT (i.e. 200 points) is wasteful as it reduces participants' gains without having any effect on future endowments. If they allocated a DEPOSIT of 160, their NEXT ENDOWMENT will be 160/2=80. In period 2, each member will again decide how to allocate this endowment of 100, respectively 80, points between the private account and the special account. And so forth.

The total number of periods in each game is random.

Duration and end of a game

In every period, there is a 65% probability that the game continues and a 35% probability that it ends. The computer program determines randomly whether the game continues according to these probabilities. Technically, the game is played in blocks of five periods and when the end of the game is drawn within a block, the decisions after the end do not count. Your total gains from a game will only include the points you have accumulated on your private account until the randomly drawn end of the game.

Details of how the duration is implemented: Each group interacts in 5-period blocks. When your group reaches the end of a block, you are informed whether your game has ended during the block and at what period. If the game has not ended during the 5-period block, you do not receive the information but rather start a new 5-period block and so on.
Example: Suppose the game ends in period 8. At the end of the first block of 5 periods, your game has not yet ended, so you start a new 5-period block. At the end of the second block (so after 10 periods of the game), you are informed that the first game has ended at period 8. There is no third 5-period block. Your final gain from this game is calculated based on your decisions during the first 8 periods of the game. The last 2 periods (from period 9 to period 10) are considered void.

Hide details of how the duration is implemented

Calculation of your gain

For each game, your gain is the sum of the points you allocated to your private account in every period (until the game ended). For your total gain in this part, one of the six games you played will be selected at random to be payoff-relevant.

Feedback screen

In each game, at the end of each period, you will see a feedback screen with the following information:

1. The amount you allocated to the special account.
2. The amount you allocated to your private account.

3. Your ENDOWMENT and 2*ENDOWMENT, to which the DEPOSIT will be compared.
4. How much each member of your group allocated to the special account and the DEPOSIT your group allocated to the special account.
5. Whether DEPOSIT was larger or smaller than 2*ENDOWMENT.
6. The NEXT ENDOWMENT (identical for the 4 group members).

There will be examples of the game on the next pages.

Comprehension Questionnaire

This questionnaire ensures that you understood the instructions. Note that the instructions are repeated below the questionnaire for your convenience.

True/False Questions
The computer forms groups of 4 people.

○ True

○ False

The group composition changes during the course of part 1.

○ True

○ False

The private earnings accumulated by each participant are determined by what she has kept in her private account.

○ True

○ False

The ENDOWMENT in each period is the same for the four members of a same group.

○ True

○ False

The NEXT ENDOWMENT, i.e. the endowment that each group member receives in the following period, depends on the DEPOSIT, i.e. the total amount allocated to the special account by the four group members in this period.

○ True

○ False

If the DEPOSIT is greater than or equal to 2*ENDOWMENT, the NEXT ENDOWMENT will be the same as the ENDOWMENT.

○ True

○ False

If the DEPOSIT is smaller than 2*ENDOWMENT, the NEXT ENDOWMENT will be smaller.

○ True

○ False

In every period, there is a 90% probability that the game continues and a 10% probability that it stops.

○ True

○ False

As part 1 progresses, the probability that the game ends increases.

○ True

○ False

You play the game once.

○ True

○ False

Exercise 1

In period 1, three members of a group, A, B and C each contribute 10 points of their initial ENDOWMENT of 100 points to the *special account* and the rest to their *private accounts*. The fourth member of this group, D, contributes 30 points to the special account and the rest to his private account.

What is the DEPOSIT, i.e. the total group contribution to the special account?

Is the DEPOSIT greater or smaller than 2*ENDOWMENT?

What is the NEXT ENDOWMENT that the group members will receive in period 2?

What is the amount that player A has kept on her private account?

What is the amount that player D has kept on his private account?

In period 3, members of a group, A, B, C and D receive an ENDOWMENT of 80 points each. A and B each contribute 60 points of their endowment to the special account. C contributes 40 points to the special account and D contributes 20 points.

What is the DEPOSIT, i.e. the total group contribution to the special account?

Is the DEPOSIT greater or smaller than 2*ENDOWMENT?

What is the NEXT ENDOWMENT that the group members will receive in period 4?

What is the amount that player B has kept on her private account?

Suppose now that player C contributes 20 points (instead of 40). What is the NEXT ENDOWMENT that the group members will receive in period 4?

Decision screen

Your ENDOWMENT in this period is 100 points.

How many points do you allocate to the *special account*?

|_____| points

Feedback screen

The amount you allocated to the *special account* is 10 points.

The amount you allocated to the *private account* is 90 points.

The three other members of your team allocated 25 points, 2 points and 25 points to the special account. The total amount your group put in the special account (DEPOSIT) this period is therefore 62 points.

Your ENDOWMENT is 100 points. 2*ENDOWMENT is therefore 200 points.

The DEPOSIT of 62 points is smaller than 200 points.

Your NEXT ENDOWMENT will be smaller than the current ENDOWMENT and equal to 31 points.

As always, the game continues to the next period with 65% probability.

Instructions for part 2

You will receive 30 points. We will ask you to choose a number of points (between 0 and 30 points) that you want to invest in a risky investment. You keep the points that you do not invest.

The investment

There is a 50% chance that the investment is successful. If it is successful, you receive 2.5 times the points you invested.

If the investment is not successful, you lose the points you invested.

Example 1: You choose to invest 0 points. You gain (30-0) = 30 points.

Example 2: You choose to invest 10 points. If the investment is successful, you gain (30 - 10) + 2.5 x (10) = 45 points. If the investment is not successful, you gain (30 - 10) + 0 = 20 points.

Example 3: You choose to invest 30 points. If the investment is successful, you gain (30 - 30) + 2.5 x (30) = 75 points. If the investment is not successful, you gain (30 - 30) + 0 = 0 points.

How will we determine whether the investment is successful?

We will ask you to choose a color: black or white.

At the end of the study, the computer program will randomly draw lots between those two colors, with both colors being drawn with equal probability.

If the color which is drawn is the color you chose, your investment is successful.

If the color which is drawn is not the color you chose, your investment is not successful.

You will be informed about your gains from this part only at the end of the experimental session.

Part 2 - Your investment in the risky project

How many points (between 0 and 30 points) do you invest in the risky investment?
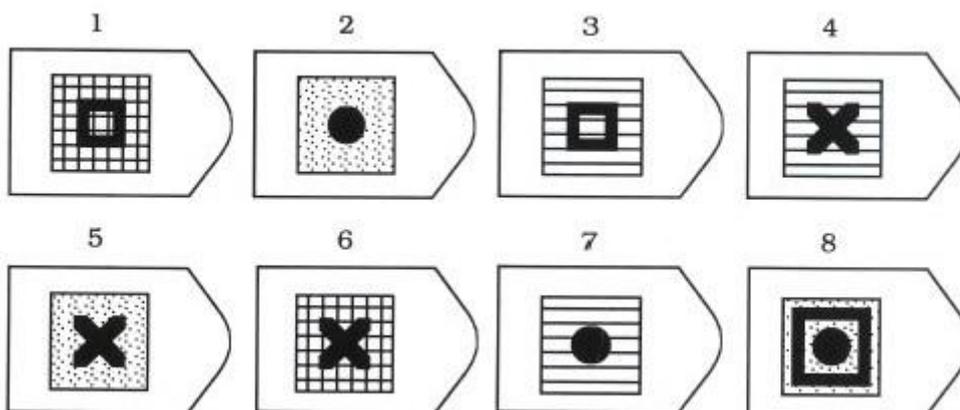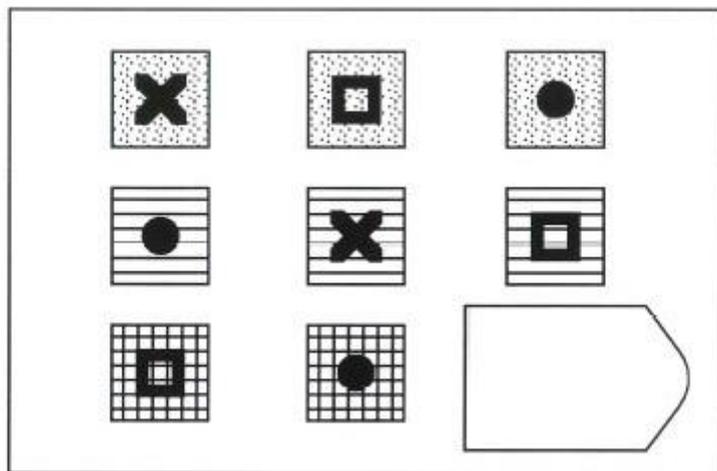
_____ points

Choose a color

○ White

○ Black

You will be informed whether your investment was successful or not and how many points you earned at the end of the study.

Instructions for Part 3

In this part we ask you to complete 12 small exercises. In each exercise, we ask you to identify the lacking element that completes a set of shapes. The elements are presented in 3x3 matrices; thus, a matrix is composed of 3 lines and 3 columns. Below, we show you an example of such a matrix containing different elements, where one element is lacking. The exercise is to find the lacking element that completes the matrix. In order to do this, you have to choose among the 8 options presented.

The shapes forming a matrix follow certain regularities. These regularities can be identified observing in the same time the lines, columns and the diagonals of the matrix. In the example above, the shape completing the matrix is number 6: a black cross on a mesh-background. No other option allows to complete the line, column and diagonal of the matrix in this example. You have 15 minutes to complete as many matrices as possible and you will earn 10 points for each correct answer. If your answer is not correct, or if you did not answer at all, you will

earn 0 points for that matrix. Note that in this part, if you could not complete all matrices in time, you will not be excluded from the study but simply move on to the next part.

Part 4

We now ask you to read a list of 24 statements. For each of these statements you will have to indicate how much you agree with it. We ask you to spontaneously and quickly make the choice, following your first instincts.

How accurately does this statement describe you?
Possible answers: inaccurate, rather inaccurate, neither, rather accurate, accurate.

Trust others.
Like to tidy up.
Love to help others.
Work hard.
Believe that I am better than others.
Sympathize with the homeless.
Believe that others have good intentions.
Cheat to get ahead.
Am concerned about others.
Tell the truth.
Think highly of myself.
Carry out my plans.
Feel sympathy for those who are worse off than myself.
Make rash decisions.
Handle tasks smoothly.
Take advantage of others.
Leave a mess in my room.
Insult people.
Know how to get things done.
Break my promises.
Get back at others.
Have difficulty starting tasks.
Act without thinking.
Set high standards for myself and others.

Please read the 15 statements below and indicate for each of these statements how much you agree with it
Possible answers: strongly disagree, rather disagree, neither, rather agree, strongly agree

We are approaching the limit of the number of people the earth can support.
Humans have the right to modify the natural environment to suit their needs.
When humans interfere with nature it often produces disastrous consequences.
Human ingenuity will insure that we do NOT make the earth unlivable.
Humans are severely abusing the environment.
The earth has plenty of natural resources if we just learn how to develop them.
Plants and animals have as much right as humans to exist.
The balance of nature is strong enough to cope with the impacts of modern industrial nations.

Despite our special abilities humans are still subject to the laws of nature.
The so-called "ecological crisis" facing humankind has been greatly exaggerated.
The earth is like a spaceship with very limited room and resources.
Humans were meant to rule over the rest of nature.
The balance of nature is very delicate and easily upset.
Humans will eventually learn enough about how nature works to be able to control it.
If things continue on their present course, we will soon experience a major ecological catastrophe.

Please answer the following questions:
How much seasonal fruit and vegetables do you purchase?
>
> Less than a quarter
> About a quarter
> About half
> About three quarters
> Almost all

How often do you consume milk and dairy products such as joghurt, cheese, butter, or cream?
>
> More than four times daily
> 3-4 times daily
> 1-2 times daily
> 4-6 times weekly
> 1-3 times weekly
> less than once per week

How often do you eat eggs or foods containing eggs (e.g., gratins, desserts, mayonnaise)?
>
> More than twice a day
> 1-2 times daily
> 5-6 times weekly
> Less than 5 times weekly

How often do you eat meals containing meat or fish (e.g., spaghetti bolognese, salmon roll, etc.)?
>
> More than three times daily
> 2-3 times daily
> Once per day
> 4-6 times weekly
> 1-3 times weekly
> Less than once a week

What is the share of labeled products (bio, MSC, Fair Trade) of your total grocery shopping goods?
>
> Less than a quarter
> A quarter to three quarters
> I only buy labeled products

How frequently do you trash food products?
>
> Often (several times weekly)
> Every now and then
> Practically never

Demographic questionnaire

This is the last part of the study, please answer the following questions.

Sex:
     Male
     Female
     Other

Year of birth:
In which country are you located?
What is your nationality?
What is the highest level of education that you have completed (i.e. finished with a certificate or diploma)?
     Less than high school
     High school, GED, apprenticeship, professional school
     University or equivalent higher education
How easy is it for you to raise 100 $ spontaneously?
     Very difficult
     Rather difficult
     Neither
     Rather easy
     Very easy
Is English your mother tongue?
     Yes
     No
Would you like to give us some feedback about this study?

End of study

Thank you for your participation !

Below is a summary of your gains:

Part 1 : The randomly drawn payoff-relevant game is game 3. Your gains are 140.

Part 2 : The color you chose is white. The randomly drawn winning color is white. you gained 60.

Part 3 : You gained 50.

Your total gains for the three parts are 250 points. Adding the participation fee gives you a total payoff of £8.50