

experiment with ratings in between

Introduction:

Welcome to this study and
thank you for participating!

Speaker

Listener

This is a multi-player communication game.
You have the **speaker** role, i.e. you send messages. You are
paired with another participant who is assigned the
listener role, i.e. who receives your messages.

Proceed

This is a multi-player communication game.
You have the **listener** role, i.e. you receive messages. You
are paired with another participant who is assigned the
speaker role, i.e. sends you a clue in the form of a word or
a short phrase.

Proceed

Both of you will see a 3x3 grid of words. Your task is to help the listener
identify the target words (surrounded by green frames) by providing a clue.

Your clue can either be a **single word** or a **short phrase** and should guide the
listener to select only the highlighted words. Do not use any words that
appear in the grid as part of your clue.
Responde quickly, while also aiming for accuracy.

When you are done writing the clue press ENTER. You then will proceed to a
rating task, after which you will move on to the next trial.

Start

Both of you will see a 3x3 grid of words.
Your task is to **select three words** based on the speaker's
clue.
You may change your selection for the first and
second word. However, try to respond quickly, while
also aiming for accuracy.
Once you click on the third word, your choice is
automatically saved, and you will proceed to a rating task.
After rating, you will move on to the next trial.

Start

Test trial:

This is a test trial to familiarize yourself with the procedure.

Speaker

Listener

Write a clue that will help the listener choose the highlighted words:

color

blue

stone

flute

torch

glow

yellow

red

book

mother

Please wait for the speaker's input.

Please wait for the listener's reaction.

Select three words that match the clue: color

glow

yellow

mother

torch

blue

stone

flute

book

red

Please answer the following questions about the grid you just saw:

How difficult was it for you to find a suitable clue?

very easy 1 2 3 4 5 very difficult

How confident are you that the listener correctly identified the target words?

not at all 1 2 3 4 5 very confident

Next

Please answer the following questions about the grid you just saw:

To what extent did you feel the need for further discussion with the speaker to correctly guess the target words?

no need at all 1 2 3 4 5 strong need

How confident are you that you correctly identified the target words?

not at all 1 2 3 4 5 very confident

Next

A helpful clue could have been color

Proceed

blue

stone

flute

torch

glow

yellow

red

book

mother

The highlighted words are the target words. A helpful clue could have been color

Proceed

glow

yellow

mother

torch

blue

stone

flute

book

red

You finished the test run.
The experiment starts now.

Actual trials (mostly the same as the test trial):
example furniture

Speaker

Listener

Write a clue that will help the listener choose the highlighted words:

furniture

curtain

pastry

wardrobe

armchair

carpet

bookcase

song

mystery

summary

Please wait for the speaker's input.

Please wait for the listener's reaction.

Select three words that match the clue: furniture

mystery

summary

song

carpet

wardrobe

pastry

curtain

bookcase

armchair

Please answer the following questions about the grid you just saw:

How difficult was it for you to find a suitable clue?

very easy

1

2

3

4

5

very difficult

How confident are you that the listener correctly identified the target words?

not at all

1

2

3

4

5

very confident

Next

Please answer the following questions about the grid you just saw:

To what extent did you feel the need for further discussion with the speaker to correctly guess the target words?

no need at all

1

2

3

4

5

strong need

How confident are you that you correctly identified the target words?

not at all

1

2

3

4

5

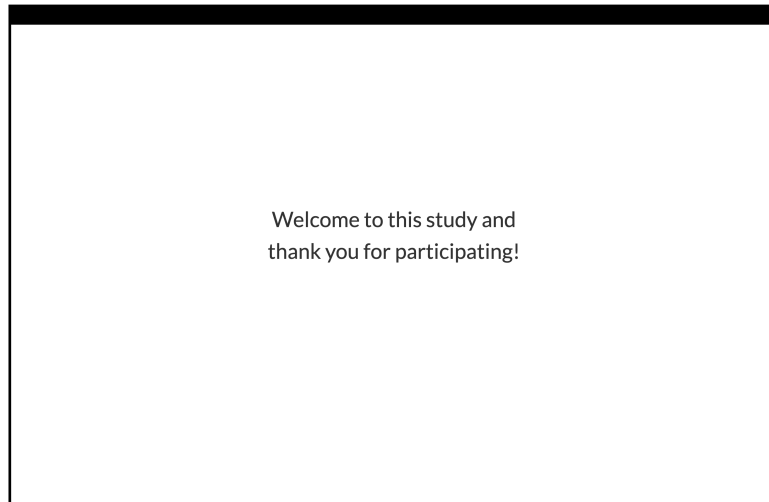
very confident

Next

experiment with ratings after all trials:

Introduction:

*mostly the same, only that it says that after you press ENTER or select the words you proceed to the next trial



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Proceed

Listener

This is a multi-player communication game.
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Proceed

Both of you will see a 3x3 grid of words. Your task is to help the listener identify the target words (surrounded by green frames) by providing a clue.

Your clue can either be a **single word** or a **short phrase** and should guide the listener to select only the highlighted words. Do not use any words that appear in the grid as part of your clue.

Respond quickly, while also aiming for accuracy.

When you are done writing the clue press ENTER. You then will proceed to the next trial.

Start

Both of you will see a 3x3 grid of words.

Your task is to **select three words** based on the speaker's clue.

You may change your selection for the first and second word. However, try to respond quickly, while also aiming for accuracy.

Once you click on the third word, your choice is automatically saved, and you will proceed to the next trial.

Start

Test trial and trials are the same as in the experiment design above, without the questions in between

Questionnaire:

Speaker

Listener

Thank you for participating in this experiment.
To better understand your experience, please answer the following questions about the task.

(You can answer with one or more words from the grid or with the clue you got)

For which grid(s) was it the most difficult to select the target words?

Participant Answer...

For which grid(s) was it the easiest to select the target words?

Participant Answer...

For which grid(s) did you feel the need for further discussion with the speaker to correctly select the target words?

Participant Answer...

Next

Thank you for participating in this experiment.
To better understand your experience, please answer the following questions about the task.

(You can answer with one or more words from the grid or with the clue you got)

For which grid(s) was it the most difficult to come up with a clue?

Participant Answer...

For which grid(s) was it the easiest to come up with a clue?

Participant Answer...

For which grid(s) did you feel that further discussion with the listener was necessary to ensure they correctly select the target words?

Participant Answer...

Next