

Researcher's name: \_\_\_\_\_

**1. What is our research question?**

Are children from grade 4-6 better understood by toddlers or by 60- to 85-year olds when depicting words?

**2. How does this research fit the theme of the project?**

Depicting words is a way to make something clear to each other. This way you are communicating with each other.

**3. What do we think will be the answer to the research question? And why do we think this will be the answer?**

[Researchers call this a 'hypothesis']

**4. Which persons or what materials are we researching?**

Children from kindergarten and people between 60 and 85 years old.

**5. What is it that we will measure exactly?**

[Measuring can mean: measuring length, distance or weight.

Measuring can also mean: asking people in your research the same question and comparing the answers.]

We are going to measure the speed at which toddlers or 60- to 85-year olds guess a word that is being depicted by a child from grade 4-6.

**6. In what way will we do the measuring?**

[For example with a test, with a question or with interviews]

We'll do an experiment. We let a child from grade 4-6 depict a word. This will be done for a few toddlers and for a few 60- to 85-year-olds (one by one). We measure how long it takes for them to guess the word. We calculate the average time at which toddlers guess the word and the average time at which 60- to 85-year-olds guess the word. This way we can determine whether depicting a word is understood more quickly by a toddler or by someone who is between 60 and 85 years old.

**7. How many times or with how many people do we need to repeat our measuring to really know the answer to the question?**

We let 10 toddlers and 10 60- to 85-year-olds guess the word.

**8. How will we record the results while we conduct our research?**

[For example: make a table, keep a tally or write down the answers.]

We measure the time that it takes for someone to guess the word. We'll write down this time in a table with 2 coloms: one colom for the toddlers and one colom for the older people.

### 9. What should stay the same in our research and what should change?

The same:

- The words that need to be explained
- The child who depicts the words
- The way the words are depicted

Different:

- The age of the person who needs to guess the word
- .....

### 10. Make a plan: when will you do the different research activities.

Activiteit:	Plaats/locatie:	Dag:	Tijd:

### 11. What help and which materials do we need?

- Three words to explain
- A pen and paper with 2 coloms
- 10 toddlers
- 10 60- to 85-year-olds
- One child to depict the words
- A stopwatch
- A quiet room to do the experiment in

### 12. From whom do we need permission, apart from the teacher?

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### 13. Who will do what in preparation and conducting our research?

Naam:	Taken:	Wanneer af: