Researcher's name:

1. What is our research question?

Does liquid syrup flow faster across glass or plastic?

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

The fact that liquid syrup flows downwards is because it has weight/mass and this has to do with the Higgs boson.

.....

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?

We do research on different materials: plastic, glass, and liquid syrup.

.....

5. What is it that we will measure exactly?

[Measuring can mean: measuring lenght, distance or weight.
Measuring can also mean: asking people in your research the same question and comparing the answers.]

We will measure whether liquid syrup flows faster across glass or plastic.

.....

6. In what way will we do the measuring?

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

We will do an experiment. We have a plastic plate and a glassplate on which we will let liquid syrup flow. Which liquid syrup reaches the bottom the fastest?

.....

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 will repeat the experiment ten times.

.....

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

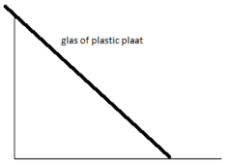
[For example: make a table, keep a tally or write down the answers.]

We are going to draw stripes.
Liquid syrups reaches the bottom the fastest on the glassplate:
Liquid syrups reaches the bottom the fastest on the plastic plate:

.....

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

The same: the liquid syrup, the amount of liquid syrup, the allignment of the materials (angle (steepness) of the plate, 45˚ degrees)



Different: the material of the plate (glass or plastic)

.....

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?

- Glass plate
- Plastic plate
- Liquid syrup

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: