**Chapter 1: Introduction**

**1.1 Background informatioon**

* This is a background story: information for your investigation that can be used for your expecta-tion and the explanations of your results
* You can add some information

**1.1 Background information**

Your body changes when you get older. When you were born you were about 50 cm long. You had a large head and short arms and legs. You couldn’t walk. Growing up your legs grew faster than your head. Being about 12 years old you know you will undergo more changes. Growing not only means becoming taller, it also means development. Boys become men, girls become women. Both sexes develop more differences between them than were present at birth.

In some stages growth seems to speed up: a growth spurt occurs - t might be you’re just in the middle of it, because one of these growth spurts is connected with puberty. Girls usually start their puberty somewhat earlier than boys.

**1.2 The research question**

**1.2 Research question**

* Complete the reserach question

*To what extent do ............. differ between ........................?*

**1.3 The expectation**

**1.3 Expectation**

* List for each body feature the difference you expect between the groups.
* Write it down as follows:   
  *“I expect adult women to have wider hips than girls of 12 years old”.*
* Also explain in a few words why you expect this difference.

We expect:

* …………………., because
* …………………., because
* …………………., because
* …………………., because

**Chapter 2: Method**

**2.1 List of materials (see WB p 53)**

List all materials you needed in measuring up

**2.1 List of materials**

**2.2 Process (see WB p 53)**

* Write step by step how you did your investigation:
  + What you measured up and how
  + Which groups you measured up
* Add illustrations / pictures to explain how you did your measurements

**2.2 Process**

**Chapter 3: Results**

**3. Results (see WB p 53)**

* Produce a clear Excel table with all the results of your investigation, including age and seks
* Format the table and paste it into your report

**Chapter 4: Evaluation**

**4.1 Conclusions (see WB)**

* Study the results and compare the groups for all features measured up.
* Average and variance can help to see to what extent the features measured up differ between the two groups.
* Draw at least one conclusion per characteristic.
* Check your expectations (1.3) against your results.

**4.1 Conclusions**

Draw a number of **conclusions** from your results, like:

*The women we measured up have larger noses than the men.*

*The variance of ............ is (a lot) larger/smaller than of .............*

**4.2 Explanation (see WB)**

* Give at least one explanation per conclusion.

**4.2 Explanation**

**4.3 Errors (see WB)**

* Be critical on your work and write down which errors and improvements you can think of.

**4.3 Errors**

**Extra:**

**Extra: 4.4 Follow up (see WB)**

* Try and think of a logical follow up of your own investigation.

**4.4 Follow up**

**Chapter 5: Verantwoording**

**5.2 Log file**

* Produce a clear table of your log file.
* At least use the following entries: what, name and time.

**5.2 Log file**

**5.3 Reflection**

* Write a personal reflection about your assignment with:
  + tip and top for yourself and for your partner
  + about the assignment
  + about the coaching
* Put both reflections in the report

**5.3 Reflection**

**Ready with your report?**

* Check all parts: do you have everything?
* Download ‘marking report.pdf’ and use the tick-off column to check again
* Make sure your report looks great: font, fitting illustrations, good size headings
* Remove all the ABOUT boxes and change the Header
* Hand it in – in time!