Fair test planner

Grades 3 to 5 · Years 4 to 6 · page 1: variables

Name _____ Date _____

Question: how does … affect … ?

I will change (one variable)

I will measure (and the units)

I will keep the same (control variables)

1. _____ 2. _____

3. _____ 4. _____

5. _____ 6. _____

Prediction I think … because …

Equipment and safety

Repeat each test three times. If one result is very different, check what changed and test again.

Fair test planner

Grades 3 to 5 · Years 4 to 6 · page 2: results

What I changed	Test 1	Test 2	Test 3	Typical result



Conclusion: when I changed ..., the ... because ...

Was it fair? What could have changed?

What I would test next

Bar chart when what you changed is a type (surfaces, materials); line graph when it is a number (height, sheets).