## Quentin pages 71-78

So finally Homer decided that he would talk to Quentin. As he begins to talk to Quentin he realizes that he was in way over his head. Quentin said he would only agree to help if he can help build the next rocket. Homer agreed and Quentin began to share his knowledge of Rockets and how they work. Rockets work based on Newton's third law of Motion.

They decided they would become a team and began to talk about fuel. They talked about how the Chinese used black powder for their fireworks. They decided they would use black powder like the Chinese.

They began by getting the ingredients for black powder. The ingredients for black powder are saltpeter, phosphorus, and coal. They mixed what they thought to be the correct proportions. They then tested it by putting the mixture in the water heater. They then put the powder in the tubing they had. They glued on cardboard fins. When they tested their rockets they were unsuccessful. The first rocket melted the glue, while the second one exploded. Quentin wrote all their findings down in his body of knowledge.

Homer felt lucky when he was able to hang out with Dorothy working on Biology.