## Making hydrated copper sulfate crystals

***Education in Chemistry*** January 2019, rsc.li/2SdSqkQ

Name: Group:

**Read through the whole sheet and discuss what you will be doing with your partner before you start the practical activity**

In this activity you will:

|  |  |  |  |
| --- | --- | --- | --- |
| \* React copper oxide with sulfuric acid | \* Filter the copper sulfate solution | \* Evaporate some of the water | \* Crystallise the copper sulfate |



Time finished

Time started

|  |  |
| --- | --- |
| Questions | Answers |
| What observation(s) did you make that showed you that a chemical reaction had occurred? |  |
| What was the purpose of step 5 – gently heating the solution for 2 minutes? |  |
| Describe the purpose of step 6. |  |

|  |  |
| --- | --- |
| Evaluation | Response (thinking about just the practical work) |
| Overall, how easy/hard did you find the practical (circle one number)? | **1 2 3 4 5** **very neither easy very** **easy nor hard hard** |
| How did the instructions help you **understand** what you were doing? |  |
| How did the instructions help your **confidence** in completing the practical? |  |