How will you promote working scientifically skills in your lessons?

Here are the ideas you came up with.

* Link skills to real world scenarios /applications
* Through practicals that are linked to science capital and relating them to real-world situations
* Frequent practicals that focus on different scientific skills. For example) colour identification, accurate measurements, health & safety.
* By promoting discussion in the classroom, practical lessons to develop key skills such as accuracy and precision and ensuring students are thinking about the topics by asking open questions.
* Highlight to students what skills you are developing. Ensure you language and time allocation indicated that you consider skills to be at equal footing with knowledge/understanding. Use PBL or EBL wherever possible, especially in a practical session.
* Record observations
* Combining WS questioning into most lessons to continually develop skills
* Asking open questions to stimulate scientific thinking and promote good practice
* Generate a hypothesis & plan a mini investigation
* practical lessons, proper instruction, being enthusiastic and engaging, explain the purpose of activities and relate to something the students can relate to
* Built in, not bolt on- in the way you talk about scientific principles/ideas, in presenting the history of these principles, in the way you as a teacher conduct the class' questioning and discussion, etc.
* demonstrating using models
* Higher-Tier/open questioning Practical work that student's take the lead on. Learning scientific phrases such as "error" or "accuracy" earlier.
* highlight the importance of scientific skills
* Through the use of practicals
* Clarity, consistency and questioning
* Activities that aren’t just a case of showing the students but asking them to analyse and evaluate outcomes
* Applying scientific skills to skills outside of the lesson eg. Future jobs/different subjects
* Well planned practicals
* Using questioning to challenge their theories and opinions (whys/discussions)
* Promote correct use of scientific language