**A Template for Designing a Question Based Lesson**

**1. Concrete Preparation Phase**

What is the Big Question(s)?

What might the students know already?

What questions can I ask to tease this prior knowledge from them?

What concrete preparation activities will be required?

**2. Cognitive Conflict.**

What key thinking skill am I trying to develop?

What are the likely problems the learners are going to encounter?

How can I facilitate the learning to resolve the conflicts they’ll encounter?

How might I ‘re-phrase the activities’?

How might I question them as I circulate?

**3. Metacognition**

How can I use the learners as a resource to feedback?

Whilst I was circulating did I notice any new approaches to the problem solving that I hadn’t anticipated that will help the group as a whole?

Shall I use the /metacognition slide?

**4. Bridging**

To what other areas of the learners work might the key concepts we’ve discovered be applicable?

Can I set any plenary questions/activities that draw on this?