



UKEN_Class_StartingPoint_IBSE

Teacher Education Design Principle + code:	6. Teacher education should provide pedagogical content knowledge to stimulate inquiry and problem solving in science and mathematics education. TE: IBSE
Specific Teacher Outcome(s):	6.3 Teachers should be able to recognise the key roles of children’s questioning and existing ideas (both implicit and explicit) of science and mathematics.
Factors linked with:	LA: Ques; LA: Connect; P:Ques; P: Express
Type of material (image – interview (int) – classroom extract (class):	Photographs and classroom extract
Originating from:	
Country report :	D4.3 – report UK England
Case:	Case 6
Episode:	Starting Point
Teacher:	Wendy
Age Group:	6-7
Selected episode present in D4.4 Appendix	Yes



Eliciting existing knowledge and children's own questions

Wendy (interview): Well, we have an idea of what we will be including in our planning because this is part of a two year cycle, so we have experience, but we try and go from what the children are interested in.... there's no point teaching them what they know already.

Wendy: We are starting a new topic today, perhaps you can guess what it is... Who has looked at the new role play area?

Child: It's a pet shop.

Children: animals

Wendy: Yes, our topic is called 'a carnival of animals'. What do you think that means?

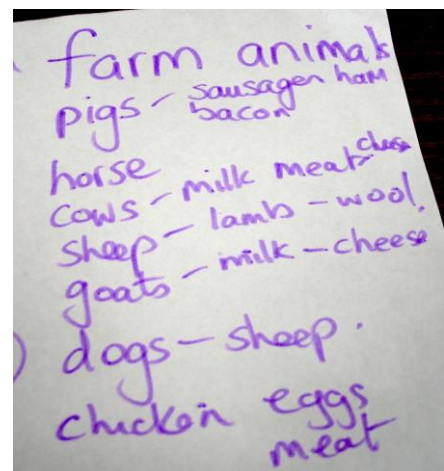
Child: Lots of animals

Teacher: Yes, what do we know about animals?

Child: carnivore

Child: herbivore

Teacher: Well done, you remembered that from last time, anything else?



Teacher: What could we find out about animals?

Children: Where they live. What they eat.

Child: Antarctica is the only place you don't get frogs.

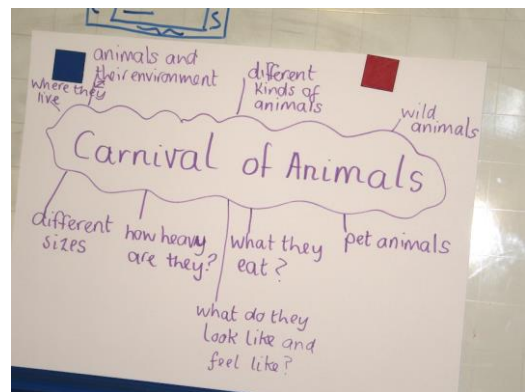
Teacher: Is that right?... I didn't know that, perhaps this is something we could find out children. Remember I don't know everything. Sometimes we have to write questions to find out later - Let's write the questions down.

Teacher: Where do we find this information?

Child: From home. Ask mum.

Teacher: Yes... good idea. Anywhere else children?

Children: Books, internet.



The teacher creates a topic web based on the children's questions



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