

<b>Teacher Education Design Principle + code:</b>	7. Teacher education should familiarise teachers with a range of formal and informal inquiry- and creativity-based learning, teaching and assessment approaches and strategies and their use in relation to authentic problems within the areas of science and mathematics. <b>TE: CreatInqPed</b>
<b>Specific Teacher Outcome(s):</b>	7.8 Teacher should be able to use a variety of scaffolding techniques to promote creativity in science and mathematics, from standing back in order to observe, listen and build from the children's interests, to intervening with appropriate questioning to support and extend inquiries.
<b>Factors linked with:</b>	<b>P:Scaff;</b> <b>P:Quest</b>
<b>Type of material (image – interview (int) – classroom extract (class):</b>	Image, Fnotes
<b>Originating from:</b>	
<b>Country report :</b>	D4.3 – report UK (Northern Ireland)
<b>Case:</b>	Case 9
<b>Episode:</b>	Gloop
<b>Teacher:</b>	Anita
<b>Age Group:</b>	3-4
<b>Selected episode present in D4.4 Appendix</b>	Yes

## Practitioners using different approaches to promote children's interest and creative activity in the preschool classroom

This activity involved mixing cornflour and water to make 'gloop'. The purpose was to provide a sensory activity, through which children might also develop language and descriptive skills, as well as sensory and motor skills.

Judicious intervention by the practitioner, Nina (the assistant to Anita in this episode), based on observation and previous knowledge of the child, coupled with the learning objectives for the lesson, enabled Nina to promote and further develop Juliet's understanding, questioning and creative exploration of the cornflour and water mix.



*Juliet running the cornflour and water mix through her fingers*

Questions and prompts from the practitioner:  
"What do you think will happen if...?" (you add more flour, you roll it in your hands)  
"See if you can make a ball"  
"If you squeeze it, what happens?"

Encouragement from the practitioner:  
"Wow, well done!"  
"That's amazing!"



*Nina working closely with Juliet, asking questions and giving prompts*



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