

Early language development

Language development begins in the womb....

- **Oylerman and Spencer** found that babies looked at their dummies more when their mothers read them the same stories they'd been read in the last six months of pregnancy
- **Stokholm et al** found that day old French babies increased looking at their dummies when they heard French (compared to other languages)
- **Thompson** found the French name of an unborn baby started when it heard its mothers voice

Even in the womb babies become familiar with sounds, rhythm and intonation!

Babies use their vocal chords straight away....

- Between birth and the first words is the pre-language stage
- Crying is the first main vocal expression a baby makes, it makes the caregiver aware the baby wants something
- It's not conscious, it's an instinctive response the baby makes

The cooing stage is next

- Cooing starts at six to eight weeks old
- Babies start making a small range of sounds, getting used to moving their lips and mouths
- It starts with vowels (such as /a:/ and /e:/) - they start to hear these to produce extended vowel combinations such as *eeeee* and *oooh*
- Then they start to use other consonants, like /b/ and /g/, to form sounds like *ba* and *ga*
- This is vocal play and is the start of babbling

These sounds are not carrying any meaning at all!

Babbling comes after cooing!

- This usually starts when the baby is six months old
- They start to produce repeated consonant/vowel combinations: *ma-ma-ma-ma* or *ba-ba-ba-ba*
- This babbling is known as reduplicated or canonical babbling
- If the sounds are not repeated, e.g. *ga-ga-ga-ga*, this is called variegated babbling
- Research has shown deaf babies that are exposed to sign language will babble with their hands! This suggests babbling is an in-built activity....

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