Appendix 1 - Research design and analysis

**Research Design**


- Discussion with colleagues. Examples from other academic studies. Using Halliday as tool of analysis. Halliday’s examples in his work.

**Taxonomy 1**

- Emergent literacy

**Taxonomy 2**

- Halliday’s 7 functions of language

**Fieldwork**

- Observation of child-initiated play

**Collaborative project in school**

**Analysis of observations**

**Ongoing professional discussion with nursery staff.**

**Reflective/reflexive journal completed following each session of observation.**

**Sections of transcripts analysed using the two taxonomies, by students on Education MA/EdD programmes. Researcher listened in on discussions of their analyses to inform own thinking about interpretation.**
Research Analysis

Feedback to head teacher and governors.

Feedback and discussion with Foundation Stage staff in research school.

Findings warrant further study

Further study 2016-2018

FAMILIARISATION
Field notes repeatedly re-read alongside fieldwork journal.

CONTENT ANALYSIS
Analysis and interpretation of extracted data.

Written, verbatim recordings including but not limited to: spoken language with aspects of prosody noted when deemed significant; other vocalisations; facial expressions; non-verbal interactions; and actions.

ANNOTATION AND OPEN CODING
Annotation using taxonomies
- Emergent Literacy (Appendix 2)
- Halliday’s 7 uses of language (Appendix 3)
- Coding of emergent themes linked to children’s language use.

DATA EXTRACTED from annotations/coding
Frequency of occurrences.
ALL annotated/coded examples of children’s engagement in emergent literacy and language-use extracted and charted.

Sections of transcripts analysed using the two taxonomies, by students on Education MA/EdD programmes. Researcher listened in on discussions of their analyses to inform own thinking about interpretation.

Discussion with colleagues.
Cognisance of MA/EdD students’ discussions of transcripts.
Reflective/reflexive journal notes.
Examples from studies using Halliday’s work for analysis.
Taxonomies