

INFANT CLASSES – SOUND

Teacher Guidelines:

- Pp. 92-95

Linkages:

- Living Things - Plants and animals, Myself
- Environmental awareness and care
- Materials - Properties and characteristics of materials

Integration:

- Music
- Oral Language Development – English and Gaeilge
- SPHE

INFANT CLASSES – SOUND

Content Objective:

- **RECOGNISE AND IDENTIFY A VARIETY OF SOUNDS IN THE ENVIRONMENT**

Some suggested activities:

- Talk about sounds that the children can hear in the classroom and outside.
- Go on a sound walk in the school grounds (Exemplar 11, Teacher Guidelines, p. 62). The children could be encouraged to record pictorially the sounds that they hear.
- Sounds we can make with our body – clap hands, stamp feet etc.
- Mystery Sounds – place various familiar items from the classroom in a container; the children have to shake the container and try to predict what is inside.
- Animal sounds on tape.
- Record every day sounds eg: tap dripping, shower, washing machine, door bell, telephone etc... match picture to sound.

Some suggested investigations:

- How many sounds can we make with our hands?

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Content Objective:

- **IDENTIFY AND DIFFERENTIATE BETWEEN HIGH AND LOW SOUNDS, LOUD AND SOFT SOUNDS.**

Some suggested activities:

- Whisper a poem and then say it loudly. Ask the children to suggest which they would hear furthest away?
- The children could discuss and draw pictures of things they can hear from a long distance e.g. fire engine, school bell, train whistle etc.
- Make high and low sounds with our voices
- Investigate high and low sounds on musical instruments.
- Discuss the dangers of loud noises.
- Sort body sounds into high/low, loud/soft sounds.

Some suggested investigations:

- Can you make both high and low sounds from the same instrument?
- Can you make both loud and soft sounds from the same instrument?

Some suggested designing and making:

- Design and make a loudspeaker – piece of card in cone shape. Talk with and without your loudspeaker. What difference do you notice? Can you improve it?

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Content Objective:

- **EXPLORE WAYS OF MAKING DIFFERENT SOUNDS USING A VARIETY OF MATERIALS TINS, METALS, BOTTLES AND PAPER.**

Tins, metals, bottles and paper.

Some suggested activities:

- Teacher makes series of sounds. Children guess how sound was made.
- Display selection of objects. Invite children to use the objects to make sounds. (Use glass (demonstration only) and plastic bottles; empty and full bottles)
- Use these materials to make soft/loud, high/low sounds.
- Ask children to use these materials to create accompaniment to song or poem.
- Give children sheet of paper. How many different sounds can they make with the sheet of paper?

Some suggested investigations:

- Which material can make the softest/loudest/highest sound?
- What will happen when I put more or less pasta, nails, screws etc in a butter container? Will the sound be higher or lower? (More makes a lower sound – less a higher sound)
- Can I predict what is in the butter box from the sound it makes when I shake it? (Marbles will roll, coins won't - does the shape or texture of the items in the box affect the sound?)

Some suggested designing and making:

- Design and make a shaker.