

**Specific Lesson Learning Goals (What will the students learn during this particular lesson?)**

By the end of this lesson, children will be able to

- (1) Compare the technology that uses in the past the present
- (2) Gather information from the different resources (video, picture)
- (3) Draw their conclusions towards the topic that has been given

**Students' Prior Knowledge:**

Know the differences between different families and family members

Use specific terms to indicate time (such as "long time ago" or "last year")

Children are familiar with Kath Murdoch's model of inquiring

Understand the concept that changing in the community affects our daily lives.

**Preparation:** (classroom layout, resources, groupings)

Two pictures of ice cream makers

Record sheet for children to write down their thoughts

Whipping cream

two bowls

Electronic mixer

Condensed milk

Spatula

Spoon

Vanilla essence

Time:	Lesson Progression	Inquiry skills
5 mins	<p><b>Motivation/Hook:</b></p> <p>Brainstorming with children (whole class activity) The whole class are sitting in the mat area</p> <p>Brainstorm what is different between the children's grandparents' childhood and their own childhood.</p> <p>Encourage children to take turn giving their answers. Teacher concludes that the clothing, transport and buildings are different.</p>	<p><b>Tuning in</b></p>
5 mins	<p><b>Introduction:</b></p> <p>Ask children to think about how things are different between the past and present. Would the things that they like be different? For example: Ice cream Why and why not?</p> <p>Children discuss with the student next to them and share ideas (Pair-sharing). Teacher ask two to three children to share their thoughts with the whole class (whole class-sharing).</p> <p><b>Children pose different questions that they are interested in, and the whole class decide to investigate the topic of "Ice cream."</b></p>	<p><b>Finding out And Sorting out</b></p>

**Main activities:**

**Activity 1: What makes the ice cream different?**

**25  
mins**

Show children two pictures of ice cream makers



**Going further**

Ask children to guess which one is old and which one is new?

What makes them think it is new? What makes them think it is old?

Do they think the flavour would be the same in the past and present?

Children return to their seat.

Teacher gives out record sheet for each child

Show children two video clips from YouTube.

1. How to Make Ice Cream - The Victorian Way

<https://youtu.be/9m0B9qkeq4g>

2. 2 Ingredient Ice Cream - How to Make Ice Cream

[https://youtu.be/5\\_cY4AVVlao](https://youtu.be/5_cY4AVVlao)

### **Activity two: Making the ice cream**

Teacher brings the materials listed in video 2 to make ice cream.

Children are welcome to use the mixer to mix the ingredients.

Allow most of the children to take part in the process.

The teacher puts the ice cream in the fridge until the next session.

(Teacher must check for food allergy and safety)

Watch the first video again.

Children work individually.

- What do they see in the first video?
- What is interesting in the video? Why?

- What do they see in the second video or when they were making the ice cream?
- What is different between the two video clips?

Children remain in their group table and share their findings within the group (mixed-abilities group).

The teacher walks around the group to monitor the students' behaviours such as turn-taking and listen to others. Also encourage children to recall other clues in the video, such as:

- Was there any difference between the materials that they used?
- How long do you think it would take for people who lived a long time ago to make ice cream?
- Would it be easy to keep the ice cream cold?

Ask children to wind up their discussion. The whole class gather and sit in the mat area for a whole class discussion. Encourage children to share their findings with the whole class.

**Finding out  
And sorting out**

<p><b>5 mins</b></p>	<p><b>Conclusion/Plenary:</b></p> <p>The whole class sits in the mat area.</p> <p>Ask children the same questions from the beginning of the class.</p> <p>After experiencing the ice cream making: Ask children to think about how things are different between the past and present. Would the things that they like be different? For example: Ice cream Why and why not?</p>	<p><b>Making conclusions</b></p>
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**Informal Assessment of Student Outcomes**

<p><b>What</b> will you assess? Link to the specific learning goal(s) By the end of this lesson, children will be able to</p> <ul style="list-style-type: none"> <li>(1) Compare the technology that uses in the past the present</li> <li>(2) Gather information from the different resources (video, picture)</li> <li>(3) Draw their conclusions towards the topic that has been given</li> </ul>	<p><b>How</b> will you assess? What evidence will you collect?</p> <ul style="list-style-type: none"> <li>Observations during the group discussion</li> <li>Record sheet to compare the technology from past and present</li> <li>Oral presentation during the group sharing period</li> <li>Participation during the group discussion and ice cream making activity</li> <li>Checklist for turn-taking, listening skills.</li> </ul>
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