**KS1 Lesson Plan: Exploring Aircraft Sounds and Aviation Careers**

Title: Aircraft Sounds Exploration and Aviation Careers

Age Group: Key Stage 1 (KS1)

Duration: 60 minutes

**Learning Objectives:**

* Develop listening skills and motor skills through sound recognition.
* Engage in pretend play and teamwork by identifying aircraft sounds.
* Categorise sounds and shapes, fostering early literacy and cognitive development.
* Introduce basic concepts of aviation careers and the roles of different aviation professionals.

**Materials:**

“The Ear Book” by Al Perkins (YouTube video or physical copy) [The Ear Book (youtube.com)](https://www.youtube.com/watch?v=7pI-V3TcwBI)

“Amazing Airplane Sound Book” by Tony Mitten (physical copy)

Aircraft sound clips (pre-recorded) attached

Template of corresponding aircraft pictures (one set per student or group)

Picture cards of various aviation careers (e.g., pilot, flight attendant, air traffic controller, mechanic)

Simple role-play costumes or props related to aviation careers (optional)

Career exploration worksheet (simple drawings and prompts)

**Lesson Structure:**

Part 1: Interactive Read-aloud (15 minutes)

Introduction (5 minutes):

Gather students in a circle. Introduce the activity by discussing the importance of listening and identifying different sounds.

Show the cover of “The Ear Book” by Al Perkins and explain that the book will help us learn about various sounds.

Read-aloud (10 minutes):

Read “The Ear Book” by Al Perkins aloud to the class. If using the YouTube video, play it for the students.

Encourage students to listen carefully and point out any sounds they hear in the book. Pause periodically to discuss the sounds and ask students to describe them.

Part 2: Sound Identification Discussion (15 minutes)

Sound Clips Introduction (5 minutes):

Introduce the concept of different aircraft sounds. Explain that we will listen to some aircraft sounds and guess which aircraft makes each sound.

Listening Activity (10 minutes):

Play various aircraft sound clips (e.g., jet, helicopter, propeller plane) one at a time.

After each sound, ask the students to guess which aircraft makes the sound.

Show the corresponding picture of the aircraft and discuss it briefly.

Invite students to mimic the sounds together as a group, encouraging everyone to participate.

Part 3: Hands-on Activity (15 minutes)

Matching Game (10 minutes):

Distribute the aircraft picture templates to each student or group.

Play the series of aircraft sound clips again, asking students to match each sound with the correct picture template.

Walk around to assist students and discuss their choices.

Sound Creation (5 minutes):

Ask each student to choose their favourite airplane sound and create their own version of it using their voice or any available instruments/toys.

Have a mini “airplane sound show” where students take turns making their favourite sounds.

Part 4: Exploring Aviation Careers (10 minutes)

Career Introduction (5 minutes):

Introduce basic concepts of aviation careers. Show picture cards of various aviation professionals (e.g., pilot, flight attendant, air traffic controller, mechanic).

Briefly describe each role using simple language. For example, explain that pilots fly planes, flight attendants help passengers, and air traffic controllers guide planes in the sky.

Role-play Activity (5 minutes):

Set up a small role-play area with simple costumes or props related to aviation careers (optional).

Allow students to choose a role and act out a scenario. For example, one student can pretend to be a pilot, another a flight attendant, and so on.

Encourage students to talk about what they are doing in their role and how it relates to flying airplanes.

Part 5: Reflective Summary (5 minutes)

Group Discussion:

Gather students in a circle. Summarise what they have learned about aircraft sounds and the different careers in aviation.

Discuss how listening skills are important not just for identifying sounds but also for understanding and working in different careers.

Closing Activity:

Sing a short song or rhyme about sounds and jobs to conclude the lesson.

Reinforce the idea that listening helps us learn about the world and explore different professions.

Assessment:

Observe student participation and engagement during sound identification, hands-on activities, and role-play.

Evaluate students’ understanding of aviation careers through their participation in the role-play and discussion.

**Aircraft Sound Clips**

**Rocket**

<https://amaflightschool.s3.us-east-2.amazonaws.com/2023-12/569563-smokey9977-rocketmp3.mp3>

Helicopter

<https://amaflightschool.s3.us-east-2.amazonaws.com/2023-12/534855-m-cel-helicopter-flyby_01.mp3>

Airplane

<https://amaflightschool.s3.us-east-2.amazonaws.com/2023-12/515293-breviceps-propeller-plane.mp3>

Hot Air Balloon

<https://amaflightschool.s3.us-east-2.amazonaws.com/2023-12/243763-nickpeeters-gas-vuur-dakwerken-gasbrander-luchtballon.wav>

Jet

<https://amaflightschool.s3.us-east-2.amazonaws.com/2023-12/262755-bigpickle51-stereo-jet-landing-sample-2.wav>

**Images**

**Airplane**

A plane on the runway

Description automatically generated

A jet flying in the sky

Description automatically generatedA helicopter flying over trees

Description automatically generatedA hot air balloon in the sky

Description automatically generatedA rocket launching with smoke and clouds

Description automatically generated



A person working on a machine

Description automatically generated



A cartoon of a flight attendant

Description automatically generated