

Sound and Light Spectacular



6 weeks

Rationale:

After watching the inspirational shadow dance group, 'Attraction' from Britain's got Talent, the children will be challenged to create their own shadow dance. They will explore how sound tracks are used in film to express emotion and how characters show emotion in stories through their actions. The children will interpret the emotions of the music to compose their own dance sequence. They will use their knowledge of how light travels and how shadows change to create their dance on a shadow screen. They will communicate their ideas and express emotion through poetry and story writing.

Hook: A viewing of the 'Attraction' dance from Britain's got Talent.

Outcome: Children to create their own shadow dance and share their science knowledge with parents.

Value 1: Emotional Intelligence

Make appropriate responses to a range of emotions, conveying and understanding of how others feel.
Believe in themselves by accepting a challenge to take on something new and feel proud of efforts and achievements.
Manage feelings productively and show control.

Value 2: Thinking

Reflect on an experience, asking questions which promote deeper thinking.
Pose and follow lines of enquiry through asking relevant questions and planning actions to undertake research and find solutions.

Focus Subject 1: Science

Using selection of instruments, investigate how sounds are made. Recognise that the volume of the sound is directly related to the vibrations that produced it.

Investigate how high and low notes are made and introduce to term pitch. Establish patterns and create statements: The longer the string the lower the note, the shorter, tighter and thinner the string the higher the pitch.

Create and carry out a fair test to prove that sound travels and that sounds get fainter as the distance from the sound source increases. Record results in a table and analyse - is the statement true?

How we hear: that sound sources require a medium and sound

Focus Subject 2: English

Main writing tasks

Write a recount from the old man's point of view in 'The Piano', using past tense.

Create a fearful atmospheric poems based upon their knowledge of light and sound.

Write an explanation as to how shadows are created and how they can be changed.

Write a scientific report on how sound or light travels using technical vocabulary.

Other writing tasks

Create a thesaurus for key adjectives which convey sound, light and emotions.

Write a short story entitled Home Alone with short sentences to create tension and atmosphere.

Focus Subject 3: PE Dance

Use thinking hats grid to evaluate their dances.

Listen to selected tracks of music and discuss emotion.

Children will experiment with changing movement and pace to convey happy / sad emotions.

Create and their own dance to match the emotion of the music.

Rehearse, evaluate and improve dance with lights and silk screen. Perform final shadow dance.

<p>travels in waves.</p> <p>Discover how shadows are made and investigate how changing the orientation of an object or the material it is made from can affect the nature and shape of the shadow.</p> <p>Investigate how light travels by creating a mirror maze and how mirrors can be used to make objects multiply.</p>	<p>Include dialogue to express fears, feelings and fear.</p> <p>Writing skills to cover</p> <p>Tense Poetic styles Developing mood and atmosphere Direct speech Note taking Planning Editing Coherence Paragraphing</p> <p>Spelling, Punctuation and Grammar</p> <p>The /g/ sound spelt 'gu' Words with endings sounding like /tʃə/ spelt '-ture' Direct speech Tense Fronted adverbials Expanded noun phrases Verbs - Past perfect continuous: "had" + past participle + "-ing"</p> <p>Talk 4 Writing strategies</p> <p>Boxing up 'read as a writer' creating writing toolkits Drama S story plan Performance</p>	
<p>Music Listen to movie soundtracks and analyse the emotions and effects they create using a graphical organiser.</p>		
<p>Art Drawing of silhouettes with consideration to shape, form and likeness to intended form</p>		
<p>Home Learning:</p> <ul style="list-style-type: none"> Learn about how humans hear - draw a labeled diagram of the ear and its key parts and their functions. Write a sentence/short explanation detailing how we hear. Extension - Design or make eye protection from the sun that might be worn in the future 		