



Supported using public funding by
**ARTS COUNCIL
ENGLAND**

KS2 LESSON PLAN - ALLURIAT - ICT + DESIGN & TECHNOLOGY

<p>Session that can be done in an afternoon slot.</p>	<p>WALT: - To create a hologram projection</p>	<p>Resources:</p> <ol style="list-style-type: none"> 1. Graph paper 2. A CD case 3. A pen 4. A pair of scissors 5. Sellotape or superglue 6. A craft knife or glass cutter 7. Smartphone / School iPads 	
<p>Input</p>	<p>Main Activity</p>	<p>Plenary</p>	
<p>Read the poem Alluriat (attached) to the ch. (read before Lunch)</p> <p>Ask ch what images do they have when listening to the poem. <i>what imagery can you think related to the poem?</i></p> <p>Ch to think about optical illusions. <i>What are the most simplest optical illusions? Why is it interesting to create optical illusions?</i></p>	<p>Ch to work in groups / partners: Please see resources below for pictorial reference.</p> <p>a) Draw a trapezoid on a piece of paper with a bottom length of 61.5mm, top length of 12mm, and side lengths of 43mm. Trace the shape on the acrylic CD case with your pen, repeating it 4 times.</p> <p>b) Slowly score the lines drawn on your CD case with a box cutter, and repeat carefully until it cuts through. Take care when removing the cut pieces, as the acrylic has relatively sharp edges.</p> <p>c) Place the 4 pieces next to each other along their 43mm sides, and attach them using a thin strip of cellophane tape at each shared edge. When 3 of the edges have been taped, fold them into the shape of a pyramid and tape the remaining edge.</p> <p>Using the ipad to access a projected image and experiment with the pyramid. <u>https://www.youtube.com/results?search_query=pyramid+hologram</u></p>	<p>Ch to share and evaluate their hologram.</p> <p><i>What worked successfully? What areas did you find challenging?</i></p> <p><i>How can this be improved? How can holograms be applied into everyday life? What would be the benefits of using holograms in schools and hospitals?</i></p>	
<p>Notes: A teacher / Teaching Assistant would need to support the cutting of the plastic CD case. This should be planned accordingly.</p>		<p>ICT/Writing/Numeracy opportunity: Research on 4D digital technology and VR equipment.</p>	

KS2 RESOURCES

Alluriat

Two sisters in the world there lived
In harmony they grew
Each loved the other like a mother
Until a bad wind blew

That storm tore them away from home
It left Metazayne alone
But Joolta was taken in
And kindness she was shown

Metazayne was washed to sea
And pulled under the waves
And there she found another world
Of corals and of caves

There she found a way to live
With creatures of the deep
But didn't make friends easily
And she would lie and weep

They feared her as her power grew
And so they made her Queen
She ruled a tiny kingdom
With riches seldom seen

Far away her sister lived
A sailmaker was she

She had no riches, only love
But she lived happily

One thing she lacked though, pained her heart
It was her sister dear
So up she rose to sail the ocean
Conquering her fear

Queen Metazayne was struggling
Her greed was getting greater
She had grown cruel and selfish
And her friends began to hate her

The more they cried and swam away
The meaner she became
She treated them like little toys
In her deceitful game

Now Joolta sailed through night and day
Until the good wind dropped
And there she floated helplessly
Her mission all but stopped

And Metazayne, a mile below
Watched the vessel float
And ruthlessly she set about
To wreck and sink this boat

She sent her biggest octopus
To break the ship in two

And down it came under the waves
Poor Joolta sinking too

Metazayne was having fun
A new toy for her game
But as Joolta sank now below
She asked the Queen her name?

How dare this girl look at the Queen?
Whose own name she'd forgot
She would be punished now for this
And left in jail to rot

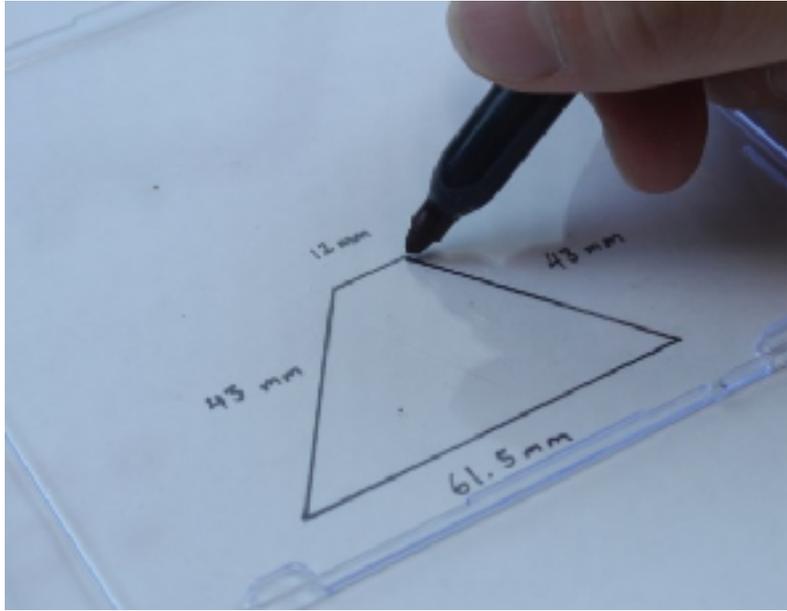
But this girl showed her only love
She gave to her a toy
The Queen had seen this toy before
And anger turned to joy

Was this a sister from times past
The one she left behind?
Why was she here? Had she got lost
Or had she come to find.....

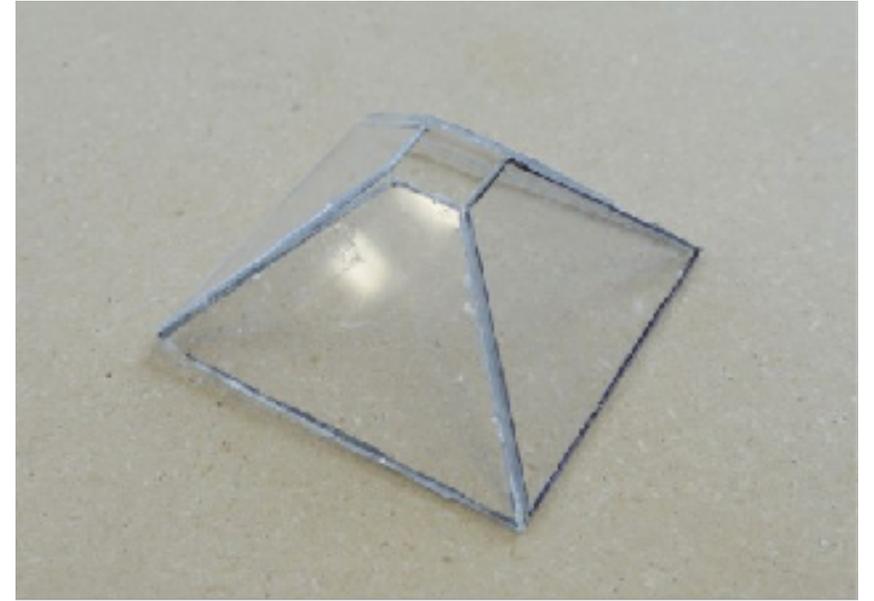
The girl began to take the clothes,
The cape, the jewels, the crown,
And make her sister as before
Her kingdom of deep down

And now they could be sisters
Nothing less or more
And they could live in harmony
A new life on the shore

A.



C.



B.

