

How was the RAF involved in the Cold War?

Activities to try at the Museum

Cold War Aircraft

Try to find the following objects and answer the questions below.

English Electric Canberra PR3

1952-72

Location: Hangers 3/4



What two roles did the Canberra PR3 play in the Cold War?

.....

Why might one of these roles be particularly useful when tensions between East and West escalated?

.....
.....
.....

British Aircraft Corporation Lightning F6

1965-88

Location: Hangers 3/4



What made the Lightning a 'first' for the RAF?

.....

What was the main role of the Lightning?

.....
.....

Find the sign about the Korean War (1950-53)

Location: Hangers 3/4 (by the Lightning)

How many RAF pilots served in the Korean War in total?

.....

McDonnell Douglas Phantom FGR2

1968-92

Location: Hangers 3/4



What were Phantom aircraft exclusively used for in the RAF after 1977?

.....

What were they protecting, and what does it tell you about the atmosphere of fear during the Cold War?

.....
.....
.....

Panavia Tornado F3

1986-2010

Location: Hangers 3/4



What was the intended role of the Tornado F3?

.....

The Tornado entered Squadron service with 29 Squadron. When was this Squadron declared 'NATO operational'?

.....

Handley Page Victor K2 (Nose section)

1958-93

Location: Hanger 5



What were Victor 2 aircraft designed and originally used as?

.....

Hawker Siddeley Blue Steel

(Mounted AEC Mandator)

1963-70

Location: Hangar 5



When did the Blue Steel missile first enter service with the RAF?

.....

What made Blue Steel a good weapon against the Soviet Union?

.....

.....

What were the main problems with maintaining and handling Blue Steel?

.....

.....

Avro Vulcan B2

1956-84

Location: Hangar 5



What were Vulcan aircraft used as for 15 years between 1954 – 1969?

.....

.....

Why might nuclear deterrents have been used during the Cold War?

.....

.....

.....

Want to know more?

RAF Museum Midlands is home to **The National Cold War Exhibition**, which is full of objects, aircraft and information about the Cold War period and its many dramatic events. To find out more visit: www.nationalcoldwarexhibition.org/ or www.rafmuseum.org.uk/midlands/

School workshops about the Cold War are also available at RAF Museum Midlands. Find more information and booking details here: www.rafmuseum.org.uk/midlands/schools-and-colleges/on-site-workshops/

The National Cold War Exhibition website is home to a range of **free learning resources** about the Cold War. Explore here: www.nationalcoldwarexhibition.org/schools-colleges/



The National Cold War Exhibition at RAF Museum Midlands

Using these resources in your classroom? Let us know by sharing with us on Twitter @RAFMLearning

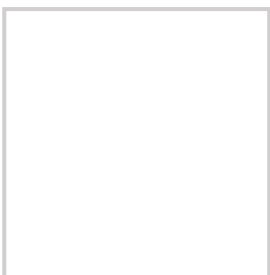
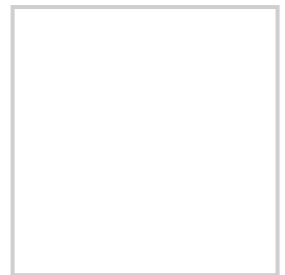
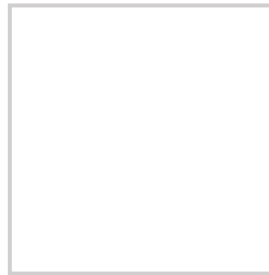
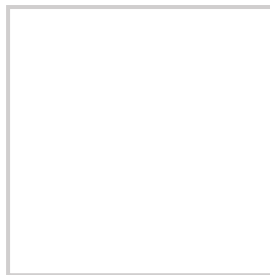
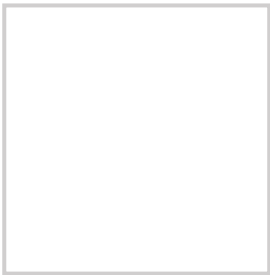
Sketching at the Museum (KS3)

Stage One: Mark making challenge

To warm up and explore some sketching techniques, try filling each of the boxes below with a different type of mark. For example you could use lines, circles, scribbles, cross-hatching or dots. You should notice that different styles of mark making create different textures. You could also explore different types of drawing materials or sketching pencil.



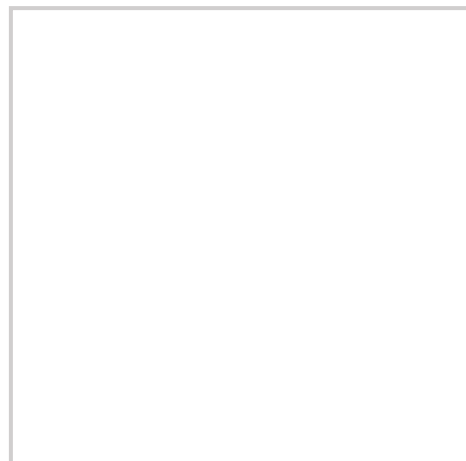
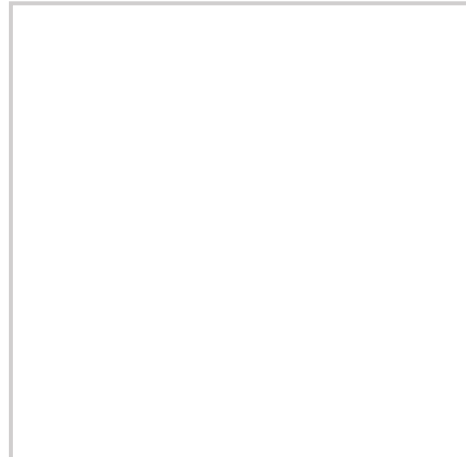
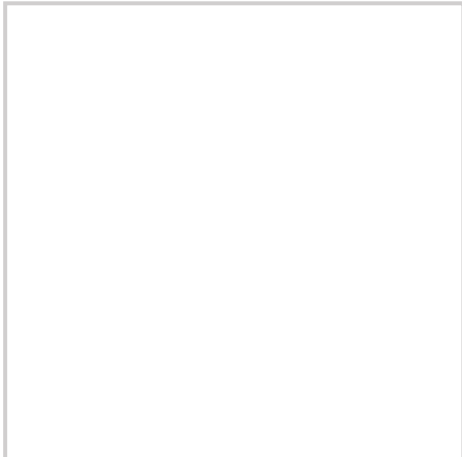
Cross-hatching



Sketching at the Museum (KS3)

Stage Two: Drawing Texture

Now you've tried out lots of mark making styles, try using these to show different textures you can see around the Museum. Pick four things that you can see around the Museum that have different textures. Fill each box with a close-up drawing that shows their texture, then label underneath to say what the object is. Hangar 2 is the best hangar to see lots of different textures.



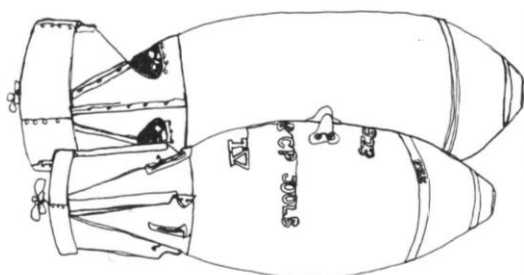
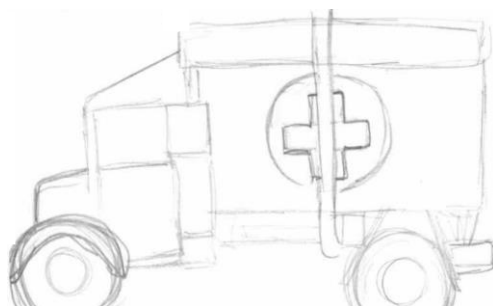
Sketching at the Museum (KS3)

Stage Three: Focusing the Eye

Activity One: Drawing from memory

1. Choose a subject
2. Look at the subject for one minute
3. Turn away and draw it from memory.

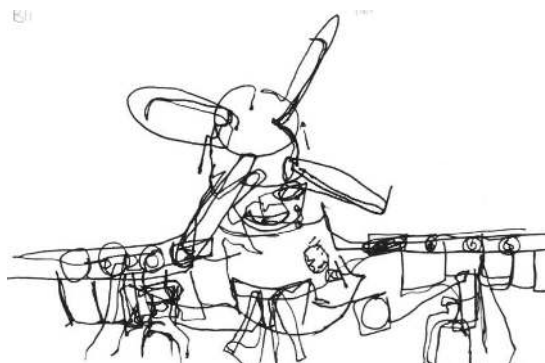
Time: Two minutes



Activity Two: Continuous line drawing

1. Choose a subject
2. Make a three-minute continuous line drawing. **Make sure the pencil stays in contact with the paper.** Focus your eyes on the subject, not your drawing

Time: Three minutes



Activity Three: 'Blind' drawing

1. Choose a new subject
2. Focus your eyes on your subject and **draw it without looking down at your paper at all.** Try not to spend more than one or two minutes drawing
3. Draw the same subject twice more. Your drawing should improve with each try.

Time: Five to six minutes



Activity Four: Negative Space

1. Choose a new subject
2. Instead of drawing the object, focus on filling in the space around the object to create an outline of your object.

Tip: You could use one of your mark making examples from earlier to fill the space around your object.

Time: Three minutes

Sketching at the Museum (KS3)

Stage Three: Focusing the eye

Activity Five: Light and shade

1. Choose a new subject
2. Focus on the way light is hitting your subject.
3. Draw the areas of light and shade. Remember to press on harder or go over the same area several times for the darkest areas.

Tip: You may want to use a softer pencil (2B or higher) as this makes shading easier.

Time: Three minutes



Activity Six: No lines allowed

1. Choose a new subject
2. Use coloured pencils to block out the shapes and colours of your object, without using any pencil lines.

Time: Five minutes

Sketching at the Museum (KS3)

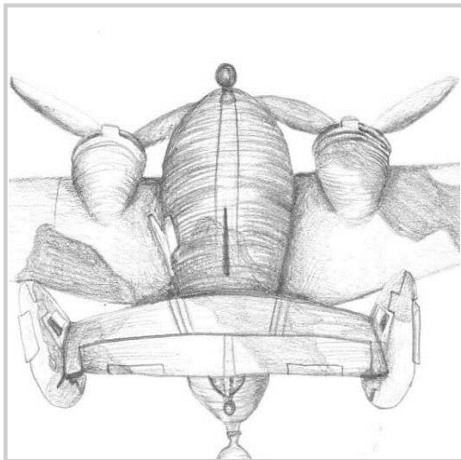
Stage Four. Interesting Angles

Thinking carefully about the angle you draw from can be a great way to make your artwork more interesting before you even put pen to paper.

1. Select one object or aircraft that you can comfortably see from at least three different angles.
2. In the spaces below, draw your selected subject from three different angles. Each box should show a different angle, e.g. from below, from above, "face on". Try to spend no more than 5 minutes on each drawing.

The first box has been completed as an example.

Time: 15 minutes



Tail end of Lockheed Hudson aircraft



Sketching at the Museum (KS3)

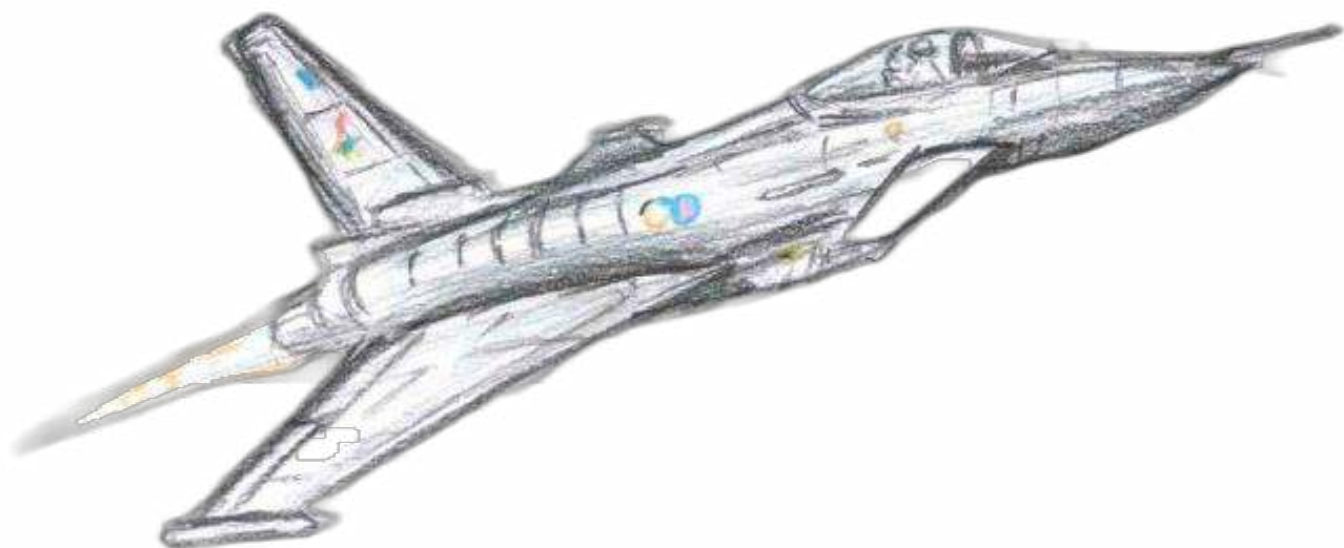
Stage Five: Completing a detailed sketch

Activity Seven: Detailed sketch

1. Choose a new subject that's interesting enough to draw for 15-20 minutes. You could draw the whole object or just a small section.
2. Create a detailed sketch. Make sure that you look carefully at the object you're drawing rather than focusing on your page.

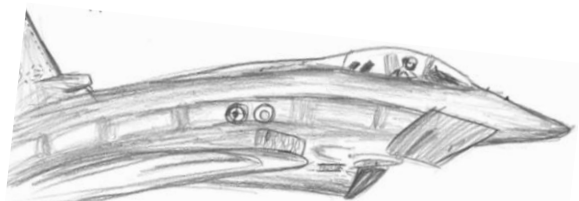
Consider the following

- Light and shade
- Mark making techniques
- Texture
- Negative space



Sketching at the Museum (KS3)

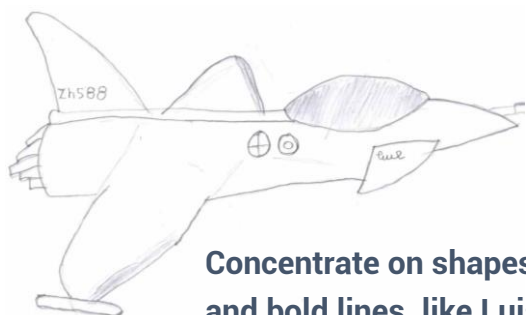
Techniques in action



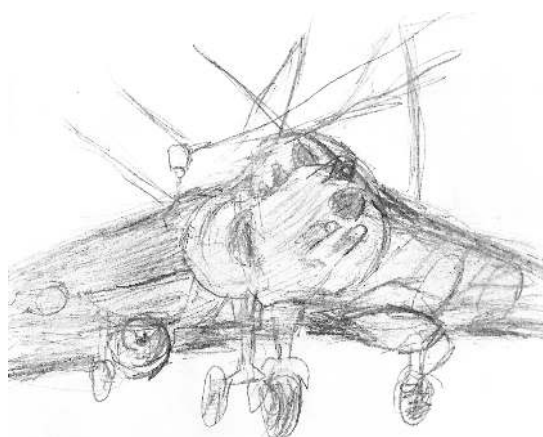
Create a 3D shape by shading with your pencil, like Aliya



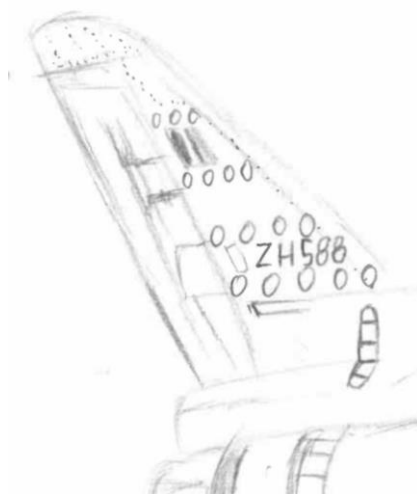
Try using colouring pencils instead of graphite to create a sense of movement, like Patrick



Concentrate on shapes and bold lines, like Luis



Make your work more interesting by trying out different angles, like Lucy



Focus your attention on small details, like Alexis

These fantastic drawings were all created by children at our sketching trolley in Hangar 6