


Use this pack alongside our **MAD Museum Activity Pack: Ages 5 to 8** to enhance your pupils' learning experience **during** and **after** your visit to **The MAD Museum**.

Together, both packs cover **maths, science, design and technology**, and **art** and **design** with ideas on how to bring these subjects to life in the classroom.

## DURING YOUR VISIT

 While you're at **The MAD Museum**, as well as spotting the exhibits in our **Be A Mad Detective** challenge and completing our **MAD Quiz** encourage your pupils to be inquisitive and ask questions.


- Can they spot any gears?
- Do any of the exhibits use sliders or levers?
- Which exhibits use wheels and axles?




 Divide your class into teams and challenge them to create marble runs on our **giant marble run wall**. Whose marble will reach the bottom first? Who can make a marble run with the longest route?

 Ask your pupils to draw one of our automata (moving toys) or their favourite exhibit using our drawing sheet.

## AFTER YOUR VISIT

 Now you've visited **The MAD Museum** and have seen our amazing marble runs and mechanical toys in action, we hope your class is feeling inspired. Also ask them to write a sentence on **their favourite exhibit** and why it was their favourite. Did they understand how it worked? Can they describe that too?

 Ask them to look again at their moving pictures, which used sliders, wheels and pivots. Can they be improved? How?

 Use our **Be a MAD Inventor** sheets to encourage your pupils to design their own mechanical works of art. They'll need to consider the materials they use and how their design moves, as well as how it looks. They'll also need to label as many parts as they can. When they've completed the task, ask them to evaluate it too.

 When your pupils finish this task, reward them with our **MAD Inventor Certificate** so they can be inspired to create and invent more wonderful contraptions.

 Conclude the project by showing your pupils this amazing video by the band OK Go, which features incredible mechanical designs and mad inventions to inspire the imagination: <https://www.youtube.com/watch?v=qybUFnY7Y8w>

SEE YOU  
AGAIN SOON!