

# poster competition

## THEME

# Lead (in Paints) and Its Health Hazards

### Eligibility

Class 9 and Class 10  
students

### Getting Prepared

Your poster must be submitted before  
October 30, 2016. Do not send your poster, just  
send a scan copy/JPEG image of your poster

### Prizes

1<sup>st</sup> – Rs. 3000  
2<sup>nd</sup> – Rs.2000 | 3<sup>rd</sup> – Rs.1000  
7 consolation prizes for best entries

## Introduction

Lead (Pb) is a heavy metal with a bluish-grey colour.

- It has a low melting point,
- It is easily moulded and shaped, and
- It can be combined with other metals to form alloys

For these reasons, lead is being used in many products. E.g. Enamel Paints.

## Health Effects of Lead

- Affects to Central Nervous System, Digestive Tract & The Renal System (Urinary Tract)
- Lowering IQ levels
- Kidney damage
- Stomach aches, cramping, constipation or diarrhea, nausea, vomiting, headache, muscle weakness
- Loosing concentration in learning process
- The potential to cause brain damage and even death

## Why Lead in Paint

- Colouring pigments
- Corrosion resistant
- Drying agent
- Anti bacterial-fungal properties
- Provide durability to the paints

But in recent years many paint manufacture have phased lead from paints because of its health impact (especially on the children of below 6 year age)

Submit your entries to  
**[info@toxicslink.org](mailto:info@toxicslink.org)**