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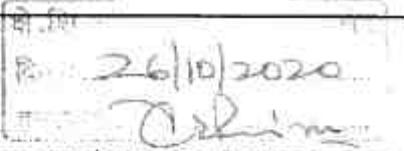
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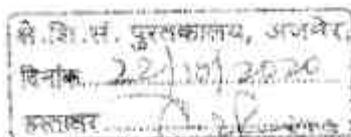
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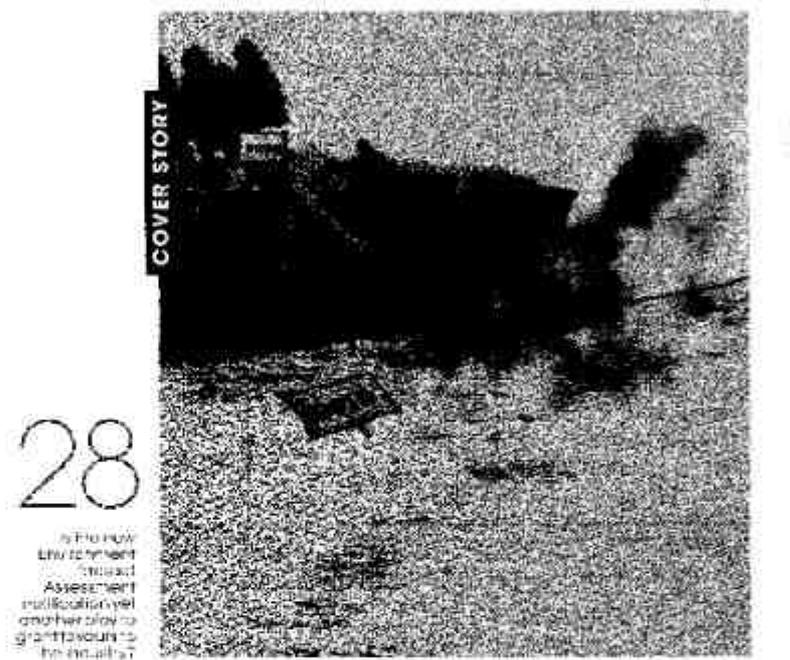
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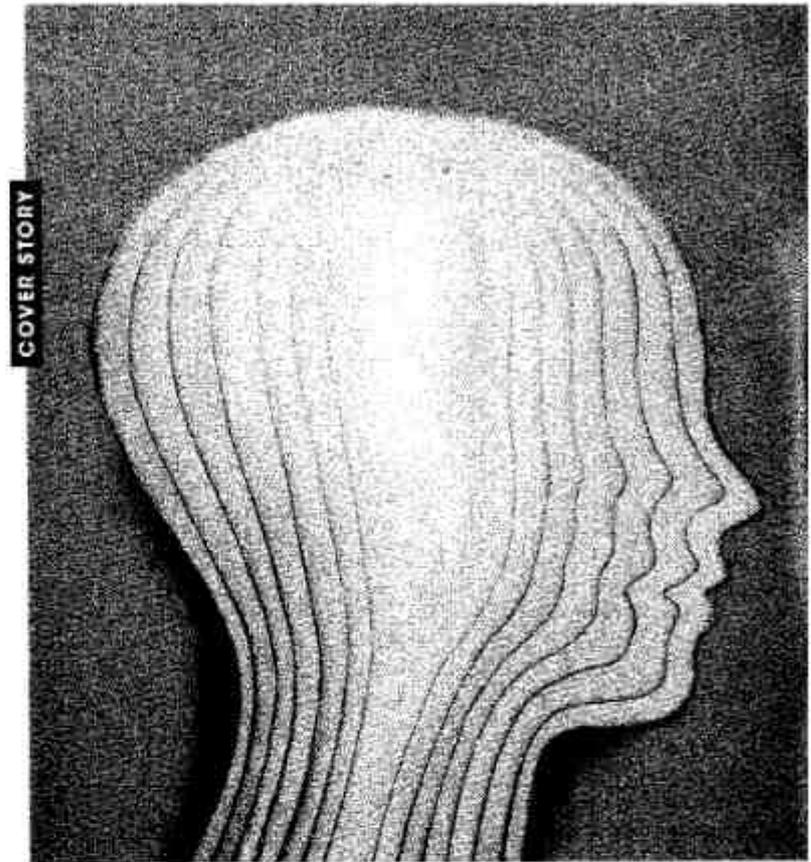
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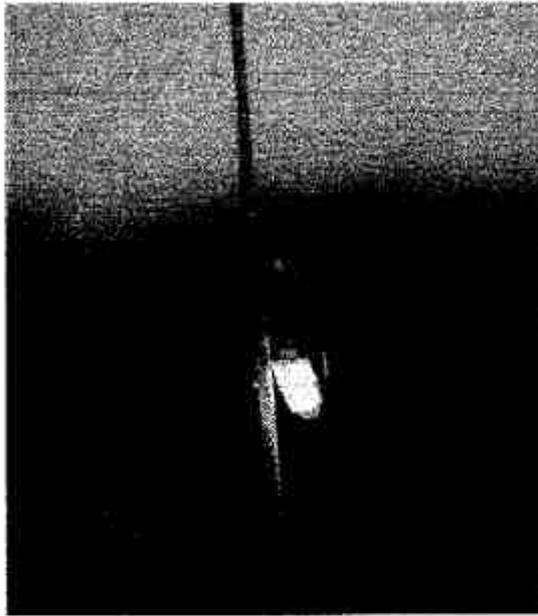
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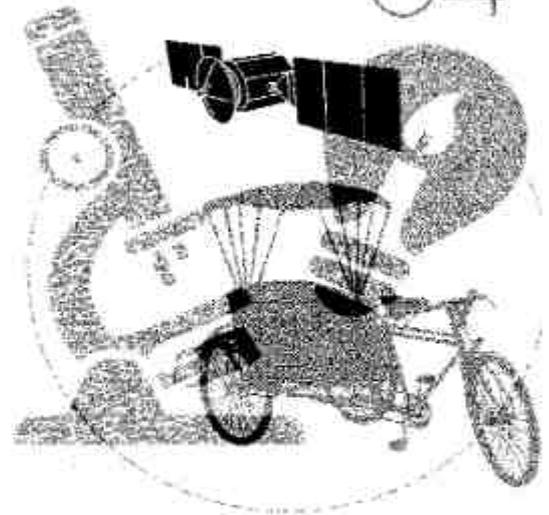


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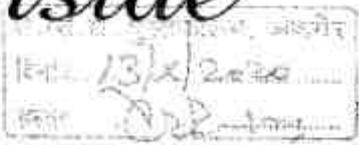
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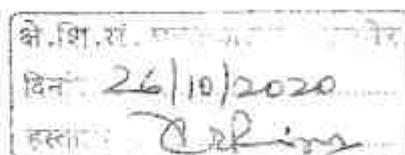
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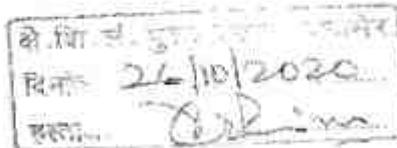
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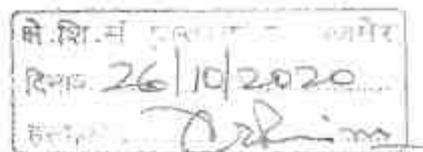
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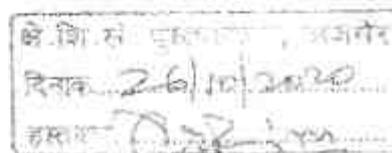
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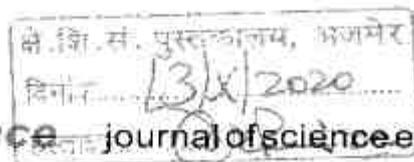


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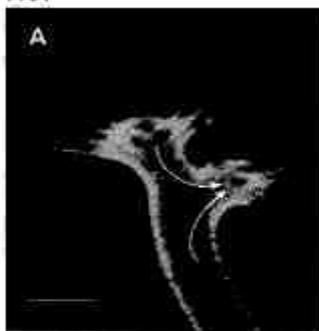
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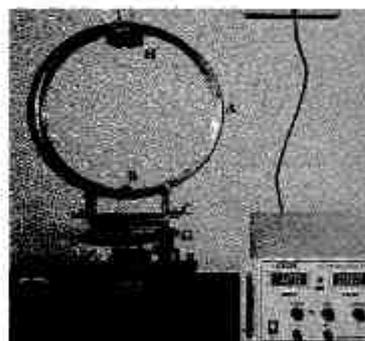
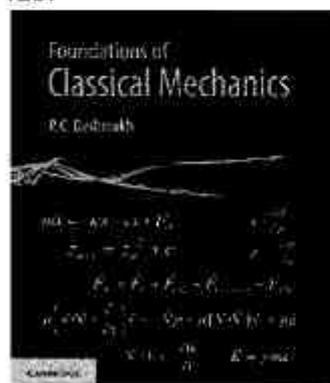
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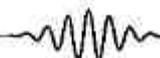
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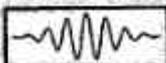
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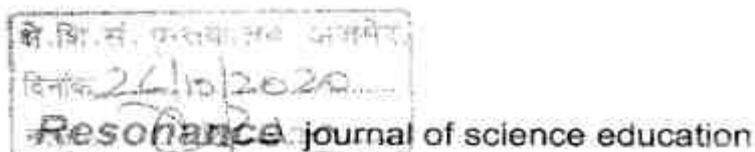


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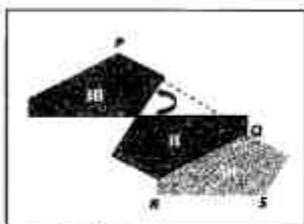
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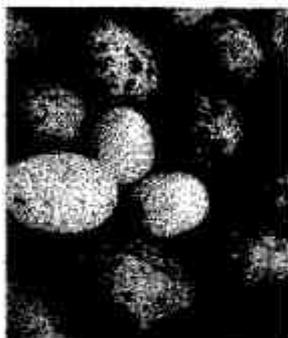
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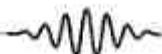
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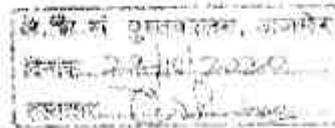
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For all practical procedures described in SSR, we have attempted to ensure that:

- all recognized hazards have been identified;
- appropriate precautions are suggested;
- where possible procedures are in accordance with commonly adopted model risk assessments;
- if a special risk assessment is likely to be necessary this is highlighted.

However errors and omissions can be made, and employers may have adopted different standards. Therefore, before any practical activity, teachers should always check their employer's assessment. Any local rules issued by their employer must be obeyed, whatever is recommended in SSR.

Unless the context dictates otherwise it is assumed that:

- practical work is conducted in a properly equipped laboratory;
- any mains-operated and other equipment is properly maintained;
- any fume cupboard operates at least to the standard of CLEAPSS Guide G9;
- care is taken with normal laboratory operations such as heating substances or handling heavy objects;
- good laboratory practice is observed when chemicals or living organisms are handled;
- eye protection is worn whenever there is any recognised risk to the eyes;
- fieldwork takes account of any guidelines issued by the employer;
- pupils are taught safe techniques for such activities as heating chemicals or smelling them, and for handling microorganisms.

Readers requiring further guidance are referred to:

Manuals (CLEAPSS, 2016 and updates)

Topics in Safety, 3rd edn (ASE, 2001); updates available at www.ase.org.uk/resources/topics-in-safety

Safeguards in the School Laboratory, 12th edn (ASE, 2020)

Pinpointing Risk Assessments for Chemistry Project Work in Schools & Colleges (SSERC, 2020)

SSERC hazardous chemicals database (www.sserc.org.uk/health-safety/chemistry-health-safety/healthchem_database/)

Do Your Health and Safety in School Science and Technology for Teachers of 3- to 12-Year-olds, 4th edn (ASE, 2011)

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