

ICS 13.100
CCS C56



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17227-2014

Replacing GB/T 17227-1998

**Health requirement of textbook for elementary and secondary
school student**

中小学生教科书卫生要求

Issued on: September 3, 2014

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People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 17227-1998 "primary and secondary school textbooks hygiene standards", compared with the GB/T 17227-1998 Main Changes are as follows:

- Modify the standard name;
- Adjust the order of chapters;
- An increase of some terms and definitions;
- Paper Requirements revise textbooks;
- Revised textbook format size requirements;
- Revised textbook text layout requirements;
- Revised textbook printing quality requirements;
- Modified single textbook weight requirements;
- Increasing the printing portion of the migration of elements requirements. Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents. This standard is proposed and managed by the National Health and Family Planning Commission People's Republic of China. This standard was drafted. Fudan University. The main drafters of this standard. Tan Hui, Wang Ling, Wang Zhenwei. This standard supersedes the previous editions are.
- GB/T 17227-1998. Primary and secondary textbooks hygiene requirements

1 Scope

GB/T 17227-2014 is the Chinese national standard on health requirement of textbook for elementary and secondary school student, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up -

which in practice is how most foreign buyers meet it. It was issued on 3 September 2014 by the National Health and Family Planning Commission of the People's Republic of China; Standardization Administration of China, and has been in force since 1 January 2015.

Classification: ICS 13.100, CCS C56. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the primary and secondary textbooks paper, format size, text layout, print quality, and the weight of the single limit migration of elements Hygiene requirements. This standard applies to ordinary primary and secondary school textbooks of Chinese characters used in Chinese characters reading materials other students may also refer to execution.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 9851 (all parts) printing technology terms

GB/T 18358 school textbooks of page size and general requirements

GB/T 18359 school textbooks of paper, print quality requirements and test methods

GB 21027 General requirements for safety school supplies

3 Terms and Definitions

GB/T 9851 and as defined in the following terms and definitions apply to this document.

3.1 Offset printing paper offsetprintingpaper Suitable for offset printing books, covers, illustrations, photographs, and other with double-sided printed paper.

3.2 Offset paper books offsetpaper Suitable for monochrome or two-color offset printing books, literature, magazine paper.

3.3 Paper light (white) of paperbrightness Paper diffuse blue reflectance factor that paper in the blue (457nm) irradiation, reflected by the reflective capacity.

3.4 Quantitative paper paperbasisweight Paper weight per unit area, in units of g/m².

3.5 Paper tightness paperdensity Paper weight per unit volume, in units of g/cm³.

Note 1. It indicates the degree of slack in the paper. NOTE 2. paper tightness can not be measured directly, can be quantified by the sheet of paper thickness calculation, that tightness = quantitative/thickness.