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Developer and manufacturer is CJSC Christmas+ Class-package for chemical and environmental experiments "Primary School"

#### ANALYZE – GENERALIZE – MAKE CONCLUSIONS

# Purpose and scope of application

An innovative product – a class-package for chemical and environmental experiments "Primary School", is designed to conduct demonstration chemical and environmental experiments with primary students in the classroom and after school hours.

It is an educational and methodical package that includes a selection of the simplest equipment, reagents and accessories with a methodological guide for the teacher.



#### **Technical data**

- Overall dimensions, no more: teacher set – 530×290×280 mm, pupil set – 320×220×110 mm.
- Total weight of the product in the basic version, no more than 7.5 kg, incl. Teacher set – 6 kg, pupil set – 1.5 kg.
- No power supply required.



#### Methodological features

The introduction of the proposed demonstration chemical-ecological experiments in the primary school course creates good conditions for preliminary acquaintance in the field of environmental quality and student environmental studies.

The study guide for the teacher (it is also a guide to conducting experiments) offers information regarding innovative approaches to learning the named course through demonstration experiments, safety rules are given. The guide has been worked out in an entertaining genre and will be interesting for implementation together with the proposed set of equipment both at school and at home. Experiments of various levels of complexity are provided for by the teacher, volunteers (high school students) and parents.

The subjects of the experiments are consistent with the current books for the study of the course "The World Around", covering the topics of courses of 1-4 grades, as well as "An hour of entertaining chemistry", "Experiments for the curious", etc. The class-package and the individual products included in it meet the requirements of the primary school, and can be part of the classrooms of the primary school, supplementing the existing educational and material base.

### Content of the equipment

"Primary School" class-package includes (see table):

- in a shortened version – 2 packs, a teacher set and a student set (1 piece each);

- in the version of a complete class-package – a teacher set (1 pc) and student sets in the amount of 14 pieces 1 piece for 2 students (it is possible to change the supply content at the customer's choice).

Teacher set includes laboratory ware, equipment, reagents and solutions that the teacher uses when preparing and conducting a demonstration experiment. Student set includes basic supplies and materials that can be used by a student (or a small group of students) when they are involved in a common work with the teacher. The number of students's packs in a set can be negotiated when placing an order based on the occupancy of the class.



Student set





Closed teacher and student sets

## Teacher set

| Order<br>no. | Component name and contents  | Purpose   | Quantity in "Primary<br>School" product |
|--------------|--|---|---|
| 8.500.1      | Teacher set<br>(dry reagents and solutions in<br>vials, dishes, accessories for<br>demonstration experiments,<br>methodological manual,<br>passport) | For demonstration experiments                                     | 1                                       |
| 8.500.2      | Student set (basic materials and supplies)   | For the participation of schoolchildren in the work in the lesson | 1                                       |
| 8.501        | Class-package  | For systematic work   | 1 teacher set<br>14 student sets        |
| 8.500        | Shortened class-package  | For carrying out one-time experiments                             | 1 teacher set<br>1 student set          |

The number of sets can be determined when placing an order.

## • Sales office CJSC Christmas+

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Available from the internet store **shop.christmas-plus.ru** 

The quality management system of the company is certified for compliance with the requirements of the international standard ISO 9001

