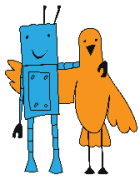


## «LINE FOLLOWER» CONTEST RULES «LINE FOLLOWER FOR INTERMEDIATES. EDUCATIONAL KITS» CATEGORY

*Version 1.0 dated July 20, 2017*

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## 1. Specifications of the field and lines

General requirements for the field and lines are given in the general contest rules.

There are the following specifications of the "Line follower for intermediates. Educational kits" category:

line width: 50 mm

radius of curvature: not less than 300 mm

Start and finish lines are marked in yellow.

## 2. Requirements for the Robot

General requirements for the robot are given in the general contest rules.

There are the following specifications of the robot in the "Line follower for intermediates. Educational kits" category:

length: not more than 40 cm;

width: not more than 40 cm;

weight: not more than 10 kg.

Robots acting in the "Line follower for intermediates. Educational kits" category shall be built of educational constructions. Educational constructions include the construction sets produced by:

Lego,

Fischertechnik,

VEX,

Huna,

TRIK,

Robotics.

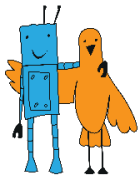
Any manually fabricated or 3D printed plastic parts can be used to construct robots. Any electronic hardware may be used only from the education construction set.

## 3. Contest procedure

General contest procedure are given in the general contest rules.

In order to complete one attempt the robot is given the 1 minute.

The line may be left only tangentially from the outside, provided the length of the section which the robot passes tangentially does not exceed three lengths of the robot body.

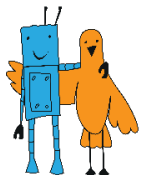


## 3.1.. Disqualification conditions

Disqualification conditions are given in the general contest rules.

## 4. Scoring

The scoring is given in the general contest rules.



## 5. Revision History

<b>№</b>	<b>Doc. No.</b>	<b>Date</b>	<b>Note</b>	<b>Previous version</b>	<b>Update version</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
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