

WorldSkills Juniors

TEST PROJECT

Painting and Decorating



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INTRODUCTION

The Test Project for painting and decorating works consists of

- speed fresco
- wallpaper
- design fresco
- stencil
- and freestyle.

The design idea comes from Olga Andreevna Sedykh, the Chief Expert of the Competition. The idea was taken from the image of the Söyembikä Tower that is located in Kazan, the capital of the Republic of Tatarstan. The tower is located inside the Kazan Kremlin, away from fortification walls and, due to its location, it acted as a watch/donjon fortification tower. The top of the tower reveals a broad view on Kazanka and Volga rivers and surroundings.

Over the history of the Kazan Khanate, only once it was governed by a woman, Söyembikä who had to serve as regent after her infant son's death. Tsar Ivan the Terrible heard about the beauty of the Kazan regent and decided to marry her. The regent didn't agree, and the tsar threatened to raze the Khanate to the ground and kill all of its inhabitants. Söyembikä agreed to marry for the sake of her people but, in the wedding night, she threw her down from the newly built tower and died.

The pattern above the KAZAN inscription presents the tulip flower. Every nation has its own symbol possesses a value only for them. A lot of craftsmen use the Tartarian ornament with the tulip as a governing motive. The flower of the tulip is one of the first spring flowers and is a symbol of rebirth.

DESCRIPTION OF PROJECT AND TASKS

The Competitor shall independently perform the following tasks:

- prepare all necessary materials for working with walls and wood;
- use filling compound, grouting, gloss, and semi-gloss paint;
- use tools for the application of filling compound, painting tools;
- prepare necessary materials for the wallpaper hanging and their application;
- apply images according to the established design;
- apply inscriptions and symbols;
- comply with measuring points;
- perform the speed fresco;
- use any technique and image for the freestyle task, at the Competitor's discretion;
- tools for the freestyle task should be brought by competitors, materials for the module execution may be brought by Competitors or they can use provided materials. It is allowed to use ready-made elements.

INSTRUCTIONS TO THE COMPETITOR

Workstation dimensions for the Competitor: width: 1.00 m x 2.80 m, height: 2.20 m.

The angle between walls A and B should be 90 degrees.

The face side of the workstation should be open/turned to visitors.

The wall A (2.20 m x 1.00 m) is designed for the Freestyle task.

The wall B (2.20 m x 2.80 m) is designed for the design fresco, making inscriptions, wallpaper hanging and also speed fresco.

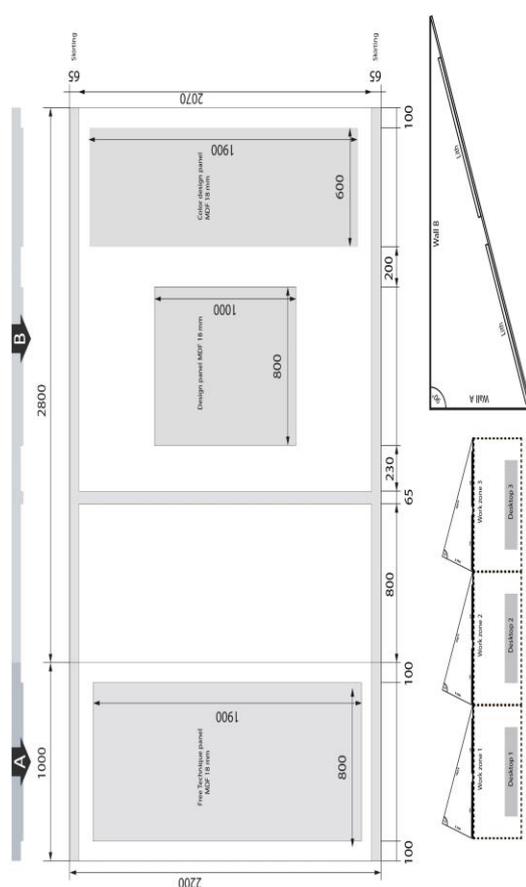
Design fresco, make inscriptions and drawing (about 6.30 hours);

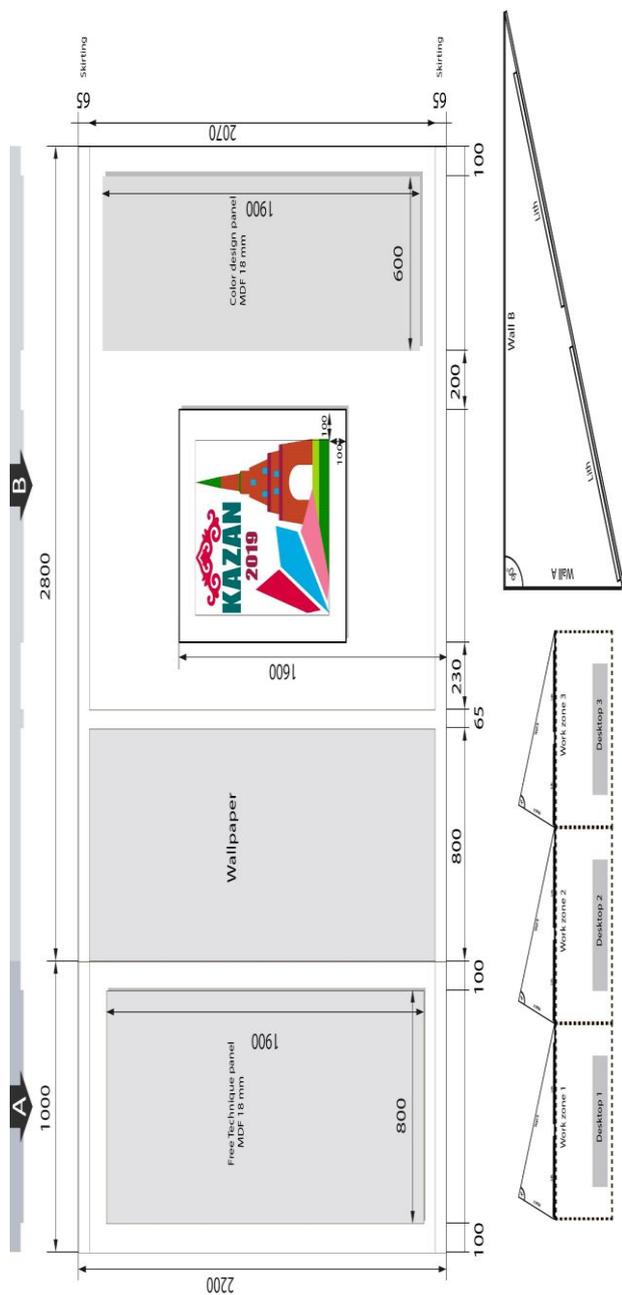
Wallpaper hanging (it takes about 1.30 minutes);

Free-choice technique: demonstration of personal skills (about 4 hours);

Speed fresco (about 2 hours);

The total time to complete the Test Project is 14 hours.





WALL A: PRELIMINARILY PREPARED AND PAINTED IN WHITE COLOUR.

Free-choice technique:

Application of decorative techniques is determined by the competitor. Application tools should be brought by the competitor. Decorative materials for the free-choice technique can be brought by competitors, alternatively, competitors can use decorative materials, provided by the skill sponsor. Wallpaper and glass fiber is not allowed. Elements that can use 3D measurements may not be used. It is allowed to use ready-made stencils. The free-choice technique should cover the entire panel surface. Preliminarily prepared materials may be used for the projecting, but all application techniques should be applied manually.

The image can be projected through the projection unit or any similar device within the provided working space. All works have to be executed inside the work booth, which the participant may not leave. The Free-choice technique module should contain an info sheet (sketch) that is presented at the Competition and includes the following items:

- Competitor's name and his/her country/region;
- Materials used for Free-choice technique (water-based materials);
- Free-choice technique sketch, without indication of sizes.

This info sheet has to be submitted to the Chief Expert prior to the Competition.

A preliminary sample for the Free-choice technique can be: a colour picture (drawing) or printed photography without sizes. The Competitor must use the entire panel surface for free-choice technique.

Completion time: from day 1 to day 4

Score: 18 points of 100

Wallpaper:

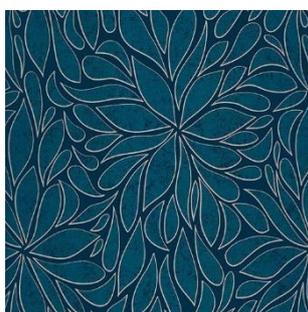
The layout shows all dimensions of the panel and wallpaper hanging areas. The work booth is built from the medium density fibreboard. The surface should be professionally prepared in advance, to ensure an ideal hanging of wallpaper (it is allowed to use: sealing compound, glue or PVA glue).

The wallpaper should be cut in the angle. The glue should be prepared by Experts.

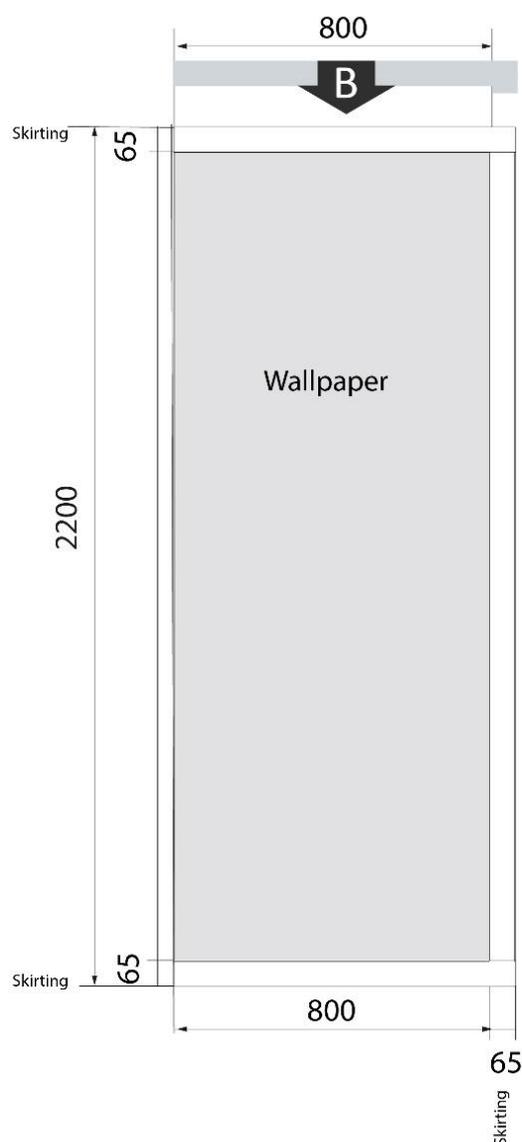
The surface should be prepared and decorated with wallpaper as shown on the drawing. Wallpaper should be applied: vertically and have a correct joint. Each competitor will have one roll of wallpaper. Wallpaper, lower, upper and right skirt boards should remain clean.

Material: Glue: Metylan Direct

Wallpaper: Marburg Padua, 56122



Completion time: end of day 1 Score: 22 points of 100



WALL B: PRELIMINARILY PREPARED AND PAINTED IN WHITE COLOUR

Design:

Panel size: 800mm x 1000mm. The panel is made of the medium density fiberboard and is initially painted in white.

The entire design construction shown on the drawing should be hand-drawn with a brush, roller, mahlstick/scale. No masking tapes, templets or projectors may be used.

All original paints will be provided. They should be applied in accordance with the color table. When making the Design, only a pencil is allowed, a marking pen is forbidden. Marking lines should not be visible. It is forbidden to scratch with a knife prior to painting! Stencils will be provided at 1:1 already cut; they should be painted in a specified color.

Inscriptions:

Inscriptions "Kazan" and "2019" will be provided at 1:1 as already cut stencils and they should be painted in specified colors.

Completion time:

- from day 1 to day 3 (inscriptions "Kazan" and "2019")
- from day 1 to day 4: Design

Score: 40 points of 100







①	S 1070-G50Y	⑤	S 1050-R20B
②	S 2070-G40Y	⑥	S 1070-R20B
③	S 4040-B20G	⑦	S 3050-R20B
④	S 0540-B	⑧	S 3040-Y80R



SPEED FRESCO:

The panel size is 600 mm x 1900 mm. The work booth is made of the medium density fiberboard and is initially grouted and painted in white color. Experts should prepare a drawing for this module during preparational days prior to Competition (from C-2 to C-1). Experts have to select at least 2, at most 4 drawings for the fresco, which will be prepared for the Competition and designed in a way preventing wet paint from overlapping.

COLOR MIXING:

Mixing of 2 specified colors (1 and 3) and a harmonious tint (colour 2). This task must be done on the panel and the elements should be painted in three colors in accordance with the drawing. Elements should be made with the use of painter's tape.

Completion time:

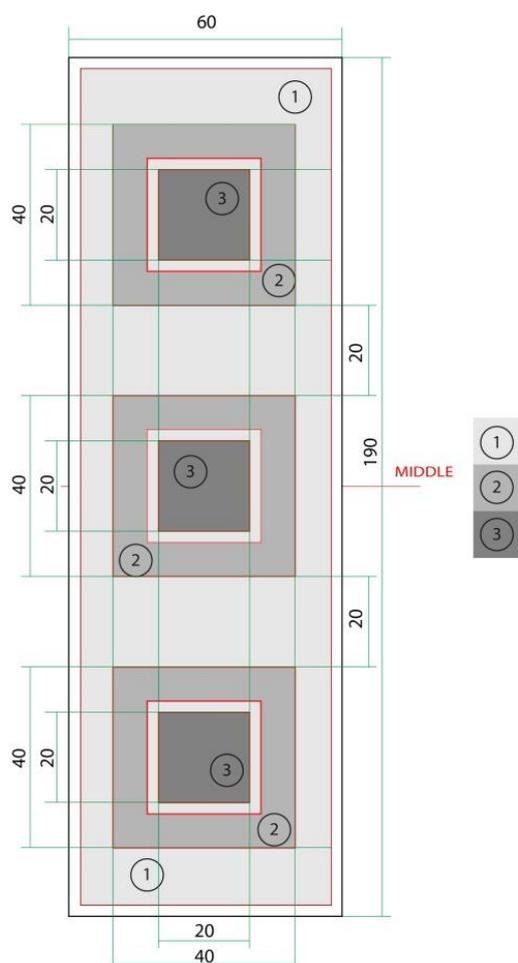
Day 1: colour mixing, base preparation,

Day 2: performing speed fresco,

Day 2: speed competition.

Score: 20 points

NOTE: This design is given as an example



The total time to complete the test project is 14 hours.

EQUIPMENT, MACHINERY, INSTALLATIONS, AND MATERIALS REQUIRED

For painting:

- Appropriate working clothes (construction overall, special shoes);
- Safety shoes/ears protection;
- Painting gloves (thin);
- Dust-proof mask P2/P3;
- Spatulas;
- Paintbrushes for acrylics;
- Paint rollers for acrylics;
- Abrasive material for acrylics;
- Sandpaper for acrylics;
- Three paint buckets (1 liter);
- Paintbrush;
- Rags;
- Basket with sponge;
- Materials, including sandpaper or sanding tools, should be brought by the competitors, as well as their personal protection, gear working clothes, safety shoes, paint gloves, safety glasses;
- Personal tools, rollers, brushes

For the Design and Inscription module:

- Soft and hard pencils;
- Pen case and pen;
- Drawing instruments;
- Caliper/Vernier scale
- Measuring instruments;
- Bubble/hydraulic level indicator (1 m);
- Small and big brushes for acrylics;
- Paint bucket.

For the Speed fresco:

- Brushes and pencils;
- Paint buckets;
- Fan heater;
- Extension lead;
- Bubble/hydraulic level indicator (1.80 m).

For the Free-choice technique:

- Sketch for the Free technique (ready-made parts are not allowed);
- Necessary tools;
- Materials, required for the Free-choice technique;
- Materials for the Free-choice technique can be provided by the Competition sponsor;
- Floor coating;
- Painter's tape.

For the Wallpaper module:

- Wallpaper brush/roller;
- Wallpaper tools (scissors, retractable blade knife, plummet);
- Bubble/hydraulic level indicator (1.80 m).

MISC

For Competitors:

- No mobile phones are allowed during the Championship (at the venue);
- It is allowed to use digital music players during the Championship;
- Refreshments are not allowed at the venue (water and snacks);
- Personal protection gear may be used if necessary;
- Wearing appropriate working clothes is required;
- Wearing safety shoes is required;
- The cleaning of the work booth upon completion of the Competition is mandatory;

For Experts:

- It is forbidden to use mobile phones in the Competitors' proximity;
- Experts should provide competitors with the workspace at the Competition venue.