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Difficult points and countermeasures of vocational college students —— Take the provincial first prize case of the animation production competition as an example

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Abstract: Reviewing the awarding process of the professional skills competition for students in vocational colleges and summarizing valuable experience has important reference significance for improving the winning rate of the competition.Using the methods of literature research and case study, the author discusses some problems and winning difficulties encountered in the course of the competition.The author takes the case guidance experience of the provincial first prize as an example to analyze, and through the selection of “seedlings”, teachers and students work together to improve their professional skills, Overcome all kinds of difficulties encountered in the process of competition, bring replicable and referential “awarding” experience and practices to the instructor, put forward corresponding suggestions and countermeasures, improve the probability of students winning the competition, and play the role of promoting teaching, learning, reform and construction by competition.

Keywords: students’ professional skills;competition;animation production events

Overview of the animation production competition

The title for Guangdong vocational college students professional skills contest anime production (hereinafter referred to as the anime production), the highest for the province without the country, the event for the individual, each school up to 2 teams, each team is composed of one player and a instructor, due to the outbreak way adjust to the online game, the province team a total of 61 school 116 teams. In the end, our school only selected one contestant and the author as the instructor to participate in this competition. The students won the provincial first prize, and also witnessed the whole process of the animation production competition.

Through the competition, we will improve the students’ basic skills and actual combat ability of film and television animation production, as well as the professional ability of the corresponding positions, and promote the teaching application of film and television animation and related tech-

nologies in higher vocational colleges; The competition time stipulates that the participants should enter the competition from 7 a. m., and the production time is 5 hours. Participants should complete the creation, mapping, drawing, binding, animation production and lighting setting, and complete the creation of 3 D animated short films of specific situations according to the given story theme and three-dimensional scene.

Difficult problems encountered in the process of animation production competition

As students professional skills competition scientific, standardization, specialization level, further let the whole society to realize the significance of competition for skills training, held or contest can improve the school visibility and reputation, also become the school evaluation, declare demonstration professional, training base provincial project and acceptance of the important indicators, but because the gap between the schools and students, and know the deviation and training funds, equipment, venue limitations, ordinary school teachers in students' professional skills competition will face more problems.

The serious lack of good "seedlings"

How to choose good "young", is the key to the game, the final than is not only the students' professional skills, more is students continue learning perseverance and perseverance, if the wrong "young", the beginning behind the efforts will be in vain, therefore, we first let other teachers recommend, students actively sign up, finally, found that students participating enthusiasm is not high, initiative is not strong, cause no embarrassment at first, and most of the art students have their own ideas, not willing to participate in the time and energy, cause good "young" seriously missing.

Training funds, equipment and venues are limited

Guangdong province animation production competition is decided offline game, need to buy 3 d scanner equipment, because the school cancelled the professional skills competition funding support, therefore, the purchase equipment funds or other costs, need teachers or students, and the 3 d scanner equipment need thousands of dollars, and the game on the accommodation, transportation, nearly one thousand yuan, lucky game finally to online competition, cancel buy 3 d scanner, save this part of the money. In addition, due to the shortage of computer equipment in the school, we do not have a special training ground. Moreover, during the winter vacation of the school, due to the epidemic, we did not provide accommodation for students. In short, the student professional skills competition is quite the teacher's own business, and faced with problems such as training funds, equipment and venues.

Students are seriously lack of motivation to participate in the competition

Take part in the skills competition, students need to give up some other teachers assigned a lot of homework, the final exam homework, participating students also under pressure from other teachers 'academic evaluation, and, a lot of training every day, need to adhere to the high intensity of training, also face the last may not be able to win the reality, therefore, the students' participation enthusiasm is not high, adhere to the serious shortage of power.

High online monitoring requirements, equipment shortage and debugging, lack of invigilator (technician) and other problems

From the announcement of the online competition plan, To the environmental equipment simulation test, the determination of the invigilator (technician), Only just a few days later, If one item is not properly arranged in place, This is the end of the game, so, It is a great test of teachers' temporary strain and organization ability, If I was faced with where to borrow the camera, And the question of where to buy it, Buy also to install equipment debugging problems, The biggest problem is how to find invigilators and technicians (not the project instructor), After 7 am online checking and invigilation for about 8 hours, No teacher is willing to participate in the role of supervisor and technician, And the rules of the competition can not be participated in by yourself or the team leader, We are facing a crisis of failing to find invigilators and technicians to compete.

The necessity of students' professional skills competition

Student professional skills competition is the only way for higher vocational colleges to improve the quality of talent training, and also an effective way for higher vocational college teachers to improve their own skills and their core competitiveness. To promote the implementation of the construction of high-level professional groups and characteristic development, and give full play to its educational function, we must adhere to the general idea of promoting teaching, promoting learning, promoting reform and promoting construction by competition.

Students professional skills competition is a practical need to improve the quality of talent training

By holding or participate in students professional skills competition, can come to contact with many new equipment, new skills, new software, forcing new school training room, training base, buy the corresponding software and equipment, also deepen the university-enterprise cooperation, let more students use the latest training equipment, promote the improvement of students' professional skills, promote the promotion of education teaching quality, so as to achieve the goal of improving

the quality of talent training.

Students professional skills competition is an objective need to improve teachers own skill level

By guiding students professional skills competition, to participate in professional seminars, professional teachers can access to the professional line of industry experts, through communication, can clearly understand and master the required knowledge, skills and experience, see their own shortcomings, therefore, can invite related industry experts, close to experts and other related colleges and universities counterparts to understand new knowledge, constantly strengthen their skills level, to better guide the students. Promote the improvement of teachers' teaching level, so that themselves to meet the requirements of "double-qualified" selection and higher title evaluation, improve their core competitiveness.

Students professional skills competition is the internal need to improve the curriculum construction

Traditional course construction, most of the course objectives, teaching depth and breadth is not enough, is given priority to with knowledge type, cannot meet the enterprise real project skills, also cannot meet the requirements of competition knowledge and skills, in order to better adapt to the standard of students' professional skills competition, need to build professional curriculum system, curriculum target revision, strengthen the original course content research and development, increase the difficulty of the course content, the entry content and 1 + X professional skills certificate course, graduation design comprehensive practice course, teaching effect and curriculum construction progress significantly.

Specific countermeasures to solve the difficulties in the students' professional skills competition

Higher vocational school animation professional, and students 'skills level, including teachers skills differences, but, to participate in the competition questions and work difficulty, requirements are consistent, also affect the many uncertainty, therefore, must reduce the many factors affecting the award, integration of various resources, by strengthening good "young" training, solve students' concerns, overcome professional technology shortage, equipment and debugging, etc, to conduct a comprehensive plan, do strategic contempt, tactical importance to the difficulties in the game, one by one breakthrough.

Strengthen the good "seedling" training

The animation production competition requires high skills of the participating students, It needs to complete the modeling, binding, animation, and later synthesis of multiple shots within 5 hours, Not only will it, More skilled, fast, Such qualified and outstanding students are very limited, therefore, When we choose the good "seedling", Put your energy to sophomores, By working with a few high-achieving students, Have a one-on-one conversation, There are about as many candidates in mind, By assigning some usual homework to test, Selected a professional ability, proud, personality students, though, Dangerous eggs in one basket, but, Follow the principle of giving preference to giving abuse.

For good "young" additional "meals, kitchen" guidance, strategic don't let students have too much thought pressure, tell him, do your best, tactical to students training time, training schedule, training of homework for timely guidance and feedback, to the lack of students do know fairly well.

Carry forward the dedication spirit of "no gain and loss, no reward".

To participate in the professional skills competition for students, teachers need to carry forward the dedication spirit of "no gain and loss, no remuneration". Competition should not be regarded as the business of the school, but as our own business, standing in the height of professional construction, professional development and their own future career development. Develop or do not do, do the professional spirit, for the need in the camera equipment, screen, please supervisor (technician) tea, eat expenses, for competition, the author takes all the expenses in the process of the competition, and give up reimbursement involving personal expenses, give up personal part of part-time project time, attentively tutoring students, carry forward the "regardless of the gain and loss, no reward" dedication.

Solve the concerns of the participating students and provide various practical incentives.

Through communication and conversation with the participating students, I learned that the students had the following concerns: First, they were worried that the training time was too long and the homework of other courses was delayed. Second, they were not confident enough in their skills, lacked confidence, and worried that they could not win the prize. Third, the training time is long, which affects yourself to do other things you like.

If there is no relevant incentive policy of the school, it is actually more difficult to persuade the students to participate in the competition only based on the sense of affection and honor of the teachers and students. In view of the concerns of the participating students, the author provides a full range of practical incentives from the practical aspects, material aspects, spirit, career development and other aspects. In the practical aspects, all the author's courses and homework can be replaced by the usual practice works, and directly rated as excellent. In terms of material, all the costs of transporta-

tion, accommodation, nucleic acid testing and other expenses to his reimbursement, and told him in case of the award, according to the current policy of the school students themselves will have a lot of bonuses. In spirit, told him, according to his current skills level, plus training, combined with the teacher's technical guidance, industry resources, told him winning hope, let him see prize hope, and can priority evaluation scholarship, miyoshi students, outstanding graduates, if won the provincial (including) skills contest winning candidates, read undergraduate can merit by colleges and universities, in terms of career development, told him that the skills contest has a lot of enterprise sponsorship, winning players will be priority to big enterprise internship, for their career development help, the future is limited!

Overcome the shortage of professional technology, equipment and debugging difficulties

(1) Overcome the professional and technical difficulties

After participating in the professional workshop, Learn about the software to use, To the content and direction of the competition, And analyze all the sample questions over the years, the technical difficulties, The possible problems encountered, Using the resources in the circle, Friends who have won the prize in the last competition, Ask him to drink tea and talk about the links, difficulties and key points to pay attention to in the skills competition, And, based on the previously collected questions, Formulate various solutions, Finally, we found that, Only the author is actively involved in every part of the competition, If they were in the competition, To find out deeper into the difficulties, Practice it by yourself according to the sample requirements, Consider it for many times, It's very easy to be clear, Including modeling, materials, animation, binding, post, Where is the shortage, Where to fill, final, To be proficient in every link, For the author, Relatively easy, As we have been working in animation-related enterprises for many years, There are relatively few weak points, Look at the tutorial and solve it, but, Most of our teachers in ordinary higher vocational colleges graduated from 985 or 211 and enter the school, Lack of corresponding practical ability, A severe shortage of professional skills, There is a disconnect between skill level and society[3], And animation competition skills require several years of training experience, every link of mastery, which means that not every ordinary teacher can take the competition to win the prize, the comprehensive ability of the instructor, will directly affect the results of the students and the final result of the competition.

(2) Overcome the difficulties in equipment shortage and debugging

For devices using the online monitoring scheme, for example, Splscreen er, 360-degree local panoramic camera, ordinary camera, tripod, extended data line, row, U disk, etc., If you can borrow, Can't borrow the equipment to buy Jingdong as soon as possible, Jingdong can receive the goods

the next day, so, In these short few days, We must speed up the implementation, Upon receiving the corresponding equipment, You can find the invigilator (technician) to test the equipment together, When debugging the equipment, Found that the spare computer is not installed, but, No one can help us solve the online monitoring and installation technology again, last, The author personally installed the monitor and host of the standby machine, + our computer memory strip, Complete the standby machine test. During the equipment debugging, The organizer will conduct two on-site equipment simulation tests, This is strongly recommended to attend, By participating in a simulation test, Found that a borrowed panoramic camera has less memory card and did not print the entry card, What seems simple, but, During the outbreak, A lot of simple things, It can also be more troublesome, for example, Panorama camera lacks memory cards, This fully recorded memory card needs to be high-speed 128G, Temporary must cannot be found, This camera is quite useless, Fortunately, I have one in my family, not so, Too late to buy it temporarily, I can't join the competition anymore, so, Multiple simulation tests have been required according to the process, Check for every single detail, Although we all feel ready, No problem, but, the next day, Participate in the official competitions, During the record, We still have problems, for example, When we simulate installing the cameras, Just to test whether the camera can work, Won't notice which computer needs local or cloud recording, Need to be adjusted accordingly, While in the simulation test, And it won't tell us those details, so, The site requires two data lines several meters long to reconnect the camera, Normally without any equipment, Competition is not allowed, Luckily, In our newly-built training room, Each computer was equipped with a single USB cable, In the drawer by the invigilator (technician), Connected into two data lines several meters long, afterwards, In the process of invigilation, The assistant referee also found that we missed a camera for timely viewing, The night before this had told the technician to bring an extra normal camera, but, The technician does not feel necessary, You didn't take it, fortunately, The invigilator (technician) thought of using the cell phone as a camera, Even luckily, the invigilator also brought a giant charger that can last for more than five hours, Until the game is over smoothly.

Conclusion

Therefore, although on the equipment debugging, we prepared a lot of plan B, however, we are difficult to do everything, and we are preparing equipment debugging, good luck not every time, need to prepare a C plan, not suddenly less equipment or equipment can't use, not due to equipment failure.
in summary, For students winning professional skills competitions, Need to select and find the "outstanding" good "seedlings", Combined with the "outstanding" instructors to guide the competition, so, To achieve a certain height of the award, In particular, he won the provincial first prize, Need to break through around these two goals, therefore, Ordinary teachers in ordinary schools, if they need to increase the winning rate of students, We should strengthen the cultivation of good "seedling", Various kinds of practical incentives to the participating students, Improve the students' psychologi-

cal quality and their ability to work under pressure, Standing in the professional construction, The height of their professional development and their own future career development, Carry forward the dedication spirit of "regardless of gain and loss, regardless of reward". More important is the guidance teachers, need to try to improve their professional skills, can attend the culture, provincial culture or to enterprises to participate in professional skills training, let oneself become "outstanding", meet the required professional skills required, actively participate in each link in the game, try every means to overcome professional technical difficulties, overcome equipment shortage and debugging, to improve the students competition winning probability. The solution of the difficulties of winning awards and the sharing of practical experience play an important reference role in solving the difficulties of teachers and students of vocational colleges and improving the probability of winning awards, and are of great significance for improving the core competitiveness of ordinary teachers and higher vocational colleges.

Of course, there are many influencing factors at the provincial level. The sharing of the above guidance experience only represents the author's real guidance experience and practical experience. There are some subjective shortcomings, which still need to be improved and deepened.

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