

Discussion on the improvement of professional teaching methods by perspective-taking-- Take the course “Photoshop Graphics and Image Processing” integrated into ideological and political education as an example

Jun Chen

Guangzhou Technician College, Guangzhou 510400, China

Abstract: Ideological and political education, that is, ideological and political education, is an important way to cultivate students' humanistic quality, and the classroom is the main position to carry out ideological and political education, so that ideological and political education into the classroom can play a multiplier effect. When the classroom content combines ideological and political elements, in order to improve the teaching quality of “PS graphics and image processing” course, I use the way of transposition thinking, from the perspective of students, to explore the teaching methods to improve the quality of teaching.

Key words: ideological and political education, perspective-taking, teaching methods

1. The importance of ideological and political content into the classroom

Mr. Tao Xingzhi said: “Moral character is the foundation of life, if the foundation is bad, even if you have some knowledge and skills, it is useless.” Students are the future of the motherland, it is very important to teach them the right ideas and guide them on the right road. The ancients said: “Respect education and encourage learning, the foundation of the country; Fostering sages and talents is the first task of government.” Education is an important cornerstone of national rejuvenation and social progress. It is a project of moral governance that will benefit both the present and future generations. It is of decisive significance to improving the comprehensive quality of the people, promoting their all-round development, enhancing the vitality of innovation and creativity of the Chinese nation, and realizing the great rejuvenation of the Chinese nation. “In order to learn, one must first aspire. Ambition is established, then learning can be second focus. Determination is uncertain, the end will not help.” Only when ambition is established, can knowledge be gradually consolidated and deepened. If the ambition is not firm, it is difficult to succeed in the end.

Therefore, ideological and political education is very important, in addition to the special ideological and political lessons, but also the need for various professional teachers in the usual classroom into the ideological and political content.

2. Ideological and political content into the “Photoshop graphics and image processing” class case selection

In the selection of cases:

First of all, we should consider whether the work can well contain the technical knowledge of Photoshop software for graphics and image processing, and at the same time, it should be consistent with the content of the teaching plan. For example, the teaching plan “character propaganda poster production” is taken as an example. When selecting the characters suitable for ideological and political content, we should also ensure that we can complete the explanation of poster knowledge.

Secondly, the case should be able to play the purpose of ideological and political education. This paper takes the publicity poster of Huang Wenxiu as an example. Teachers as a member of the workplace, especially party members, naturally Huang Wenxiu's deeds are very clear, but for school students may not be clear, so, if you want to let students do Huang Wenxiu character posters, you must first introduce Huang Wenxiu's situation -- Comrade Huang Wenxiu after graduate school, give up the job opportunity in the big city, determined to return to his hometown, In the front line of poverty alleviation, devotion, dedication, interprets the original mission of the Communist Party with beautiful youth, and writes the song of youth in the new era. We should take Comrade Huang Wenxiu as an example, never forget the original intention, keep in mind the mission, have the courage to take responsibility and be willing to contribute. These are the contents of ideology and politics.

Third, try not to repeat ideological and political content in each case. Ideological and political education has many contents. The Education Law stipulates that the state conducts education in patriotism, collectivism, socialism, ideals, morality, discipline, the legal system, national defense and ethnic unity among the educatees. Education should inherit and carry forward the fine historical and cultural traditions of the Chinese nation and absorb all the fine achievements of human civilization. These are the main contents of ideological and political education, and each content can be specifically divided into many aspects.

3. Transposition thinking to improve the teaching method of “Photoshop graphics and image processing”

1.Improvement 1: change “spot check homework” to “check the homework of every student in the class” + “check by one teacher” to

“check by many people together”.

Before the end of each class, the teacher usually assigns the task of the next class, so that the students can preview in advance after class, to complete the task assigned by the teacher in advance, so that the students have nothing to do after class, but also in order to take the new class, the teaching effect is better, referred to as “preview”. In the next class, focus on the difficult points and key points, similar to “flipped classroom”. Advantages: High efficiency, the production time is placed after class, and the class is used for discussion, mutual evaluation, comments, and breakthroughs in key and difficult points, etc., which will not lead to insufficient class time. Disadvantages: For unconsciously students (such as students who do not do homework after class), they cannot complete after-class tasks with quality and quantity. As a result, class comments cannot answer questions and strengthen the impression of these unconsciously and incomplete students. After just a week or two, students can become polarized. In order to avoid students not doing the task after class, please put yourself in your shoes. If you are a professional, like you and me, what are most people afraid of? They are most afraid of a large number of people coming together for inspection. Because a person has a pair of eyes, many people have many pairs of eyes, and the problems that the leaders did not find were pointed out by the escorts one by one to improve. Therefore, for the unconsciously students, my solution is to check the homework of every student in the class, and is a teacher, a representative of the section, the group leader, the students who complete the work well, at least three or five people check the homework together - “homework inspection group”, sometimes the teacher did not find the problem, the students can see!

2.Improvement two: “Class demonstration” changed to “pre-recorded video”.

In class, when the class activities are carried out in a “task-driven” way, after receiving the task, the students need to complete the task in the prescribed time, no matter they think independently or work together in a group, otherwise there is not enough time to comment and summarize. Sometimes at the request of students, the teacher will first demonstrate and explain the key points and technical difficulties of the task, in the teacher’s opinion, it is very simple, demonstrate once, at most two times, and then let the students start to do the task. The teaching effect proves that some students look at the operation process once or twice, but still can’t, or think they can, and forget when they do it! Especially for the students without PS software foundation, every task is not easy. As we all know, each student’s ability to understand and accept is different, so some students may not be able to finish each task even if they read it twice, resulting in a great difference in the progress of each task. If you put yourself in the other’s shoes, you can recall that if you watch a movie that you didn’t understand once, is it certain that you understand it a second time? Not necessarily! But if you watch it three times, or even four times, does it hit you? So I use EV screen recording software, each lesson to demonstrate the content of the pre-recorded video. It can not only allow students to watch repeatedly, but also allow students to watch after class, no longer have time restrictions, convenient and flexible. For teachers, not only improve the work efficiency, but also save the work time and energy, do not have to repeat in the class. The win-win situation of students and teachers is realized.

3. Improvement three: Change the complete video of one case to multiple small videos.

If the micro-lesson micro-video explains a certain knowledge point or a certain skill point, then some of the videos I split are even “micro” smaller than the micro-lesson video. Since ideological and political lessons have been integrated into the classroom, some cases are more complicated and involve more steps than the original cases that simply explain the use of tools. Take the publicity poster of Huang Wenxiu as an example (see Figure 1).

works of PS character propaganda posters are -- matting, selection processing, material color adjustment, etc. The tools involved are -- pen, lasso, brush, movement, eraser, text, color level, color balance, hue/saturation, alignment, etc. As a professional course teacher, these are very simple, but not easy for students, because can do does not mean can do well! When I realized this, it was when I learned 3Done (modeling software for 3D printing majors), and my colleagues who majored in 3D printing told me that “this software is super simple...” . But I can’t draw a simple five-pointed star with the software! It took me a lot of repetitions (Figure 2).



Figure 1: The knowledge points involved in Huang Wenxiu’s

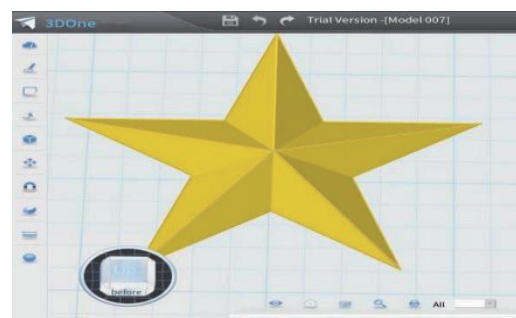


Figure 2. 3Done basic modeling of the pentagram

As the old saying goes, “If you can, it is not hard, if you can’t, it is not easy.” When you can’t, nothing is easy to learn. When I was learning the new software 3Done, I slowly learned some basic simple operations by watching the video step by step operation, while watching, while pausing the video, while operating. We have better understanding ability and learning foundation than students, but it is

so difficult, let alone the high school entrance examination or college entrance examination results are not ideal students. So I think, this semester into the ideological and political content to increase the degree of complexity, more need to break down the operation steps, and then recorded a small video, not only convenient for students to upload and download, but also convenient for students to choose to see, more flexible, more convenient.

4.Improvement four: Change the language expression of the review homework.

In the past, we often told students where they did not do well, because we stood in the teacher's point of view, with the teacher's level to measure the students' works, naturally there are always unsatisfactory, it is difficult to meet very satisfactory works. In fact, as far as students are concerned, maybe they think they have done well. After improvement, we can first affirm what he has done well, and then for the bad places, such as the lack of transparency of the material on the background, do not directly say "your background material is too clear, interfering with the presentation of the characters, the background grain transparency is not enough", change to "the background should not be too obvious, the transparency of the background material would be better if lowered a little, and it can better highlight the theme characters". Just like being late never say "why are you late again", but say "it would be better if you were earlier next time". Everyone wants recognition and encouragement.

5.Improvement Five: Double your patience in teaching.

When you think that some knowledge is very simple, but the students do not complete it too badly, or even some students do not complete it at all, please restrain your anger and think about what you are not good at all. Just like when we learn a new foreign language, such as German, French, Russian, Korean... Even a very simple everyday phrase is like reading a book in heaven, so please be more patient with students who are poor in learning and slow in learning:

German -- Vielen Dank.

French - Merci beaucoup.

Russian -- C, then us) contentment.

Korean -- 감사합니다 .

Chinese -- thank you.

Is only the last word familiar? So, it doesn't matter if the students don't do well, please understand the situation and then apply the right medicine. Please do not think that your course is very simple, simple because you will, please stand in the perspective of students, think in the other place, when students do not understand and learn, please study more teaching methods, change teaching methods. There are no students who can't teach, only teachers who can't teach. Helen Keller was a famous American writer and educator. When she was more than one year old, she suffered brain damage due to a high fever. From then on, she could not see or hear. Later, she could not even speak! She grew up feeling her way around in the dark. When she was seven years old, the family hired a tutor for her, that is, the Sullivan teacher who influenced Helen's life. Sullivan, who had almost lost her sight as a child, knew the pain of losing sight. Under her painstaking guidance, Helen learned sign language by the touch of her hand, learned to read by Braille cards, and later learned to speak by touching people's lips. Please let us learn from teacher Sullivan, more patience, plus more suitable for our teaching methods, then we must be able to teach students. Blind, deaf and dumb students can be taught, our students are not blind, deaf and dumb, so they must be able to teach!

To sum up, when ideological and political courses enter the classroom of professional teaching, the teaching content increases, the complexity of cases increases, and the difficulty of practical operation increases, empathy thinking can better understand the difficulties of students in the learning process; Through perspective-taking and improvement of professional teaching methods, teaching quality and teaching efficiency can be better improved; Through empathy thinking, avoid language injury, let students learn happily, learn something, so as to enhance students' sense of gain and achievement.

References:

- [1] Qijia Guo,Qian Lei. The Complete Book of Education Law of the People's Republic of China [M]. Beijing: Beijing Broadcasting University Press,1995.
- [2] Helen Keller et al. Three Days to See the Complete Works [M]. Beijing: Chinese Language Publishing House,2010.
- [3] Zongqin Yu,Zhipeng Jin. Construction of Ideological and political System of Photoshop Image Processing Course based on MI theory [J]. Science and Technology Vision, 2021. (02).