The dilemma and breakthrough of learning

-- taking contemporary university education as an example

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Abstract: Understanding the essence of learning is a necessary condition to break through learning predicament . Learning is people adapting to the Environment ,Understanding the behavior of the world , in-person growth , mature and standalone procedures . only understand the nature of learning , to get rid of inertia and form dependencies , up to free thinking , free Action .

Keywords: learning ; University education ; dilemma ; break through

in contemporary universities , People are less concerned about learning problems , To Rigid education system , Education idea , Education environment in the back push the wave help lan , so that learners are farther away from the nature and source of learning , it behaves as follows a number of misleading or erroneous ideas :_ is considered learning is a passive activity adapted to the environment , to only learn when for _ type foreign , mandatory , Technical Tasks , so-called tasks Center for ; Second is to think that learning is just about pure knowledge , Pure Original reason memory and validation , So-called knowledge Center theory ; Three is to think of learning only But to change their situation , for a realistic purpose , Utilitarian purpose means , The so-called Utilitarian center ; Four is to think of school teaching Yucai is the normal learning phase , don't know about autonomous lifelong learning Necessary and must ; Five is to confuse learning fun with gaming entertainment limit . and so on .

Several of the above understandings of learning have led to a university in which both Unintentional and no Brain Formal Learning for , This learning cannot be completed into depth fusion and reflection , and inevitably lead to learning process with people grid growth , The process of learning and the clarity and accumulation of one's own desires , to separate the guidance and reengineering of their own talents , so far away from learning the Source and purpose of learning . now , for what is learning , Learn why ? , How to learn , These issues must be renewed in the context of the new era think , can break through learning dilemma , constructs new learning concepts and Learning mode .

1. Inertia dependency is learning enemy

Learning is the most profound relationship between people and the world , is a person's save The Basic features of are . it behaves as " _ " kind of to include people themselves in the need and process for a thorough understanding of the world within " learning through "

gain knowledge by learning or firsthand , feat , Attitude , Psychological Concepts or values in the process , or contributing to measurable changes in brain memory Practice . "① " basically learning is one in as physiologically and left A person who has developed a species and the social structure it takes . The mediation procedure between . "②and people are not like animals , They are not only accepts the world and changes the world in its own way . find World ' the nature of the is what it is "" is extremely critical. , is also extremely sleepy difficult . Difficulty lies in, people are always born through language and custom accepted the world view as a , It is necessary , an inevitable , and is also easy to create

mental , psychologically habitual paralysis or path dependencies . resulting in the world or surrounding environment (culture political Environment etcnegative affirmation of , and this is the number one for learning enemies , is also an accurate understanding of where they are and where they exist 's number one enemy . The nature of learning requires learners to first establish a _ kind of skeptical worldview , to do at least the mental _ Traitor . of course , Rebel premise is training _ a kind of insight into the slit of the The ability of the ,, to begin with , Can find the origin of things , open End , and can complete a new understanding and disposition of people or things .

like , in the university , not only students and even most teachers All learn in a knowledge inertia . It is true that the knowledge is passed on. is necessary , basic _ step . however , Even so , This kind of cooked practice some of them have missed or misunderstood the nature of learning . Learn Yes accept procedure , is also a rebuttal procedure , It's ' Guess and reverse connect "" Repeating loops in the context of , and then break through the old knowledge Framework , mentioning out meaningful questions , Create new knowledge , to form a new, consolidated world View . learning is a kind of ''' meta-learning ' . It puts the departmental ,, Special

materialized , disciplinary knowledge is placed into its competitive relationship , Review Its application environment and limitations . in other words , learning itself without to suspect that the knowledge system is based on the premises and assumptions that have been established and cross-examine , , is not exposed to its limitations and boundaries , thereby can not adjust or even negate some parts of it even within the Core section , to Create another new knowledge system .

for questioning and questioning , learners need not only courage but also With beyond single _ subject's vision , to be able to from the philosophy of , history 's perspective to reflect on the meaning of learning , then have _ type ' Major subject field View ; otherwise , Learning from a knowledge inertia , People's psychology The accept process gradually becomes mechanical and paralytic . knowledge inertia on the one hand, the refers to the system it constructs in relation to the changing external environment , frame invariant ; , on the other hand, refers to its basic concept , stale of the vocabulary and Hardening . for the humanities, , This is fatal. . new experiences and new issues if they can't be included in the basic general Read and vocabulary , The Knowledge framework cannot change its own profile structure and logical trends some ideas cannot be deepened and updated , then ,, It doesn't draw attention and empathy for learners , It will become a "" because of the lack of "". silent knowledge ', "death-awareness recognizes . put it to the highest intellectual throne even with external force , It's only is just a puppet of knowledge . ③

The World keeps changing , Living environments are often confusing , such as The existence of the world and the environment in knowledge and ideas has been with it true Existence is already completely two different types of existence . then , on To adjust learning processes and learning styles in a timely manner , with macro philosophical View , out of mode , sometimes even through ' Intuition Sentence break "" set aside conceptual system and formal logic , Direct-click The thing itself , from ' " Conservative learning to ' Critical Learning , from ' Passive Learn " transition to Autonomous Selective learning . Popper says : " we the way beyond our space and time environment is :trying to consider exceeding Our experience Environment , that to those we seem to be (or philosophy home may describe Yes is ' given ' or ' Custom ' has universal or junction The object of the construct inevitability. ; trying to find , construction , invent new context ,- - validation Context , Critical Context ; and trying to find the , Check Our prejudices and habitual assumptions and challenge them . "④ but , Although we often put the knowledge of the university learning inertia to the a system reason , such as the indoctrination of Chinese universities , missionary learning coercion difficult to blame ; but , If we go to _ Step Research on will find , Today's students lack the need for a thorough understanding of the world and Desire , not just the result of knowledge inertia and knowledge coercion . public on the ground, learners themselves have subjective problems . Network and The library has a high degree of freedom and openness. , learner complete Through self-study to make up for the lack of institutionalized curriculum design and lack of trap . however , Students of contemporary universities because there is no independent person + grid , It seems that most of them are not

learners ., cannot form independent learning and independence Custom habit . It has the following three aspects of performance .

is extremely strong when confronted with problems and needs to think, dependencies and passivity . _ , standardized exam only Learning patterns for standardized answers cause students to learn mental deformities Change , Everything seems to have the only correct solution , The world is absolutely one dollar , There is no solution to the problem , to treat learning as a search for the only _ The procedure for the answer . In fact, this is a _ species dependency , _ kind of determinism world view ; due to "answer dependencies " " and " conclusion Dependencies causes method rudeness and rigidity on , bypass Unsure about the World , and thus cannot Create conversion issues , thinking and resolving issues . Knowledge Learn The acquisition and accumulation is to be able to seamlessly , freely ' Knowledge Heavy Refactor " and Knowledge Migration , and critical time to jump out of the sky _ Step , completes the inception creation .

Two is a lack of free , skeptical Spirit . Chinese learner (student) The biggest problem with is what kind of problem , always from Ken set , as an angle to echo or explain ,There is little doubt about , No Spirit . or "" , They don't know or want to go from another _ think of the difference or even the opposite angle . learner surface followScientific Practice " " conflicting " " dialectic " "" Learn way , This is mostly _ Mechanical or even political methodology slogan , Learning in this way there is no logical Restrictions on , and lack of intrinsic experience ; to the established reality , fact very to concepts and vocabulary lack of corresponding academic sensitivity , No distinguishing thing boundaries between objects or concepts ; , need learner critique and beyond , but can't ask a meaningful question , Cannot form A valid to determine and guide valuable actions .

Three is no individual principle and position , Faith is even more impossible to talk about . learning process especially humanities learning , is to form and build a body principle , Stand and Faith process . at the moment , Our learner the principles and positions of the are " no rule " no stand "," This is neither said they already have an open ,Free Academic Insight , also not to say they are " do not believe anything , because the ' does not believe anything inside there are at least _ kind of skeptical spirit ; instead of participating in the , is inconsistent with for , indifferent attitude and behavior , These learners are for Learn what ? " How to learn Why learn Basically doesn't matter , is a 's emotional indifference , Careless . " Learning a growing urgency content area is , Learn about ourselves , recognize yourself , rationale solution own reaction , trend ,Preferences , Advantages and disadvantages , , and so on , as a prerequisite for making a meaningful decision , and thus in some degree , Take part in managing your life through the . "⑤ principle and position stability and solidity in _ is a measure of learners ' ability to Do not Expand Quality Learning _ scale ,_ no principles and positions The person who will eventually degrade on learning _ a speculator and a real -world

is here , inertia knowledge and compulsive knowledge and personality Non-independent superposition effect make most learners (student) is learning no , don't know the world's ' is the does not say Taste the learner has nothing to do , opposite , They are endlessly redundant information surrounded by , Swallow . in such a "" information over production and flooding times , If there is no dam that constructs principles and beliefs , results only have a : Learning requirements and fundamentals are destroyed ,The meaning of learning is sparse release .

2. self-discipline and self-management of learning

Learning is the art of using time . It needs large amount of time input , Other _ to justify these times Arrangement and orchestration of ; or , Free , Autonomous Learning in essence is _ kind of self-managing , Self-constraining formation , to form to learning " effective " , Develop problem awareness and resolve problems 's ability .

This article briefly discusses self-management , Several self-constrained The aspect illustrates . The purpose is to prove that , self-managing , Self about Bundle in the course of learning , especially University and postgraduate stages significant significance . One is the time constraint ; Two is the select constraint ; Three is a custom constraint .

How to control learning time is a key element in completing a study , and The also tests the , measures , shapes _ personal motives and convictions , It is often a direct precondition for learning success or failure . but , when is not an

abstract existence , it behaves as _ How individuals imagine and how to arrange his study life , How to handle various relationships , , as well as How to establish and maintain " effective " . but , Reasonable time security The technical resolution of the row is not the most important. , Although it can sometimes The gets the mathematically optimal solution . If there is no desire for knowledge and sensitivity to issues , There is no devotion to the pilgrim of Knowledge , cannot get effective input and accumulation , that means , learning to vote into a lot of time , more need to convert these large amounts of time to valid when .

The fact is , time in a different sequence , rendering in structure and rhythm the shows different patterns and natures . on learning issues , Most people can to do is how to increase the amount of time to learn , to about bundle itself . Although this constraint is already very difficult to do, and extremely important , But the point may not be here. . or say , Learn The objective limits of the acquisition time are important , but , reasonable arrangement of times , Time Quality The accumulation of time for, is more important , This can even occur when The is multiplied between the .

that is to say , The time has another ' Subjectivity Quality , It can be accumulated through some kind of artificial effort and then converted to ' valid time . for learners ,the existence of this time is more is essentially , can change the quality and gravity of time , is the time with People's concentration or not , Whether the mind fits or not becomes sticky or thin , more efficient or invalid . time as existence , on learning , learning time is not quantization , instead of learning how to learn How to be effective ,more quality .

The selection constraint refers to the learner's choice of learning object and learning side What criteria and principles are followed by the the to the . It's essentially The learner How to face different learning environments , to make learning most effective . now on , for learners , There are three classes , or triple - World (Learning Environment : one is the school standard entity classroom , and It's _ a prescriptive , experimental World ; _ is a desultory presence social classes , that _ a realistic , Utilitarian World ; _ is ubiquitous Electronic network class , that 's _ Virtual , Inverted World bounded .

The physical classroom in the school is physically bounded , They save In a generally closed campus , Learning time is canonical , Fixed ,, The schedule for the course is basically approved and verified by the official educational institution recognized ,_ students are allowed to choose their own subjects to learn , But the range that can be selected is limited . The advantages of the entity classroom are , its root according to _ learners ' acceptance and give-and-take ability arrangement and organization teaching Learning content and time regulation , So the content taught is systematic , complete availability , appropriateness , The effect of the Teacher's remodel on students is enormous .

Social class is the one person who is born to be in it . Real World . Social large class with its utilitarian , Secular value Orientation has been molded , also cater to most people's psychological initializer State , adapt to society , Change Society's learning original intention completely changed to the social " compliant " and " submit to ". now ,school class especially big Learning class has gradually become part of the social class. , become its Natural or unnatural extension . School's ideals begin obedience and attachment on social ideal , It's spiritual transcendence is leading the way is lost or has been lost . " Social Practice effect " " All courses the ultimate test and evaluation of-journey learning . in this area , School is indeed Society fosters a large number of highly needed professionals . But if you blindly follow The should this class , The independence of the person established in the university and from the The will be dispelled by Spirit .

if social class is replacing school classrooms as learners ' Pilgrimage where , , Virtual Electronic Network World is now become the New World of Learners . It marks a new age of learning start , in this era , Lifelong learning is possible and necessary , Virtual e-Network world for Lifelong learning , Free Learning provides a convenient , Fast and efficient learning tools and learning environment . ⑥ This world not only provides learners with unlimited learning resources , Important It changes the way people learn and learn . ; Electronic Network World is _ A World open to all , It has no hard rules

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and ethical constraints on people entering its territory , or , it Beecher openness and inclusiveness at the end of the allow everyone to accept him equally what they want to receive , Learning changed to 1 kind of free , equal arguments and , activities that can be performed anywhere, anytime , or that it is completely embedded in the life ,become life itself ; but , is also because of this , can also can devour learners because of excessive information , learners may be here because for information "" over "" and get lost ., This is _ sort on No benefit or negative benefit input .

finally talk about custom constraints , It refers to how the learner reconstructs the Custom , How to cultivate a quality ego , This is to learn time efficient schedule and grasp . Learn about College or _ for people who are , at least in such a few ways to train themselves , To form a new custom , new quality :

- is the training for research habits . Learning is about things systematically , deep Understanding and mastery , This needs to focus on that thing ., to see its essential aspects . Research habits specifically include collection Related information , actual survey experience and experiment , Seek and establish a new view checkpoint , etc . Research-customary training can enable learners to overcome the superficial and the effects of the "" _ "" judgment only on perceptual intuition a flaw such as logical clarity .

The second is problem awareness training . In fact , Most research training is most off One step of the key is to discover problems and ask questions , This is the learner needs The most basic and important ability to have .

Three is argument training . A argument is a proof process or rebuttal procedure that gives a specific to a proposition . it requires some training. Practice Requirements , For example, the logic of the argument process is consistent , full and clear Blur , Justify steps , the argument can be mutually supported brace , and so on .

Four is the cultivation and restriction of learning attitude . learners need to have a "" attitude there are three : pious , discreet , Courage . pious Spirit states enable people to focus on knowledge objects intention-oriented attention is a necessary basis for learning . No target note , no intend-oriented , clustered and persistent notices , _ does not personally learn what 's ?. "⑦ dedicated and devout learners are very cautious in doing things or in studying, and,, . The cautious learner pays attention to the whole ,also polish details , Strongly does not make one element and one relationship gaps . of course , Learning also needs to have a decisive quality , that's daring break through ,the courage to dare to doubt , otherwise , new Knowledge , New World without The method is opened .

self-discipline and self-management are a deep insight into the nature of learning solution , also , reasonable arrangement and effective regulation of learning time ;Learning Yes _ species free to participate , is also _ for compliance with the specification . a the cultivation of new qualities and the establishment of new habits become a success of learning

Key .

Think , Intuition and imagination

learners break through old habits , complete self-management and self about Bundle , ultimately for better organization of knowledge and migration knowledge ,Complete deep processing of knowledge , Training and fostering a form of knowledge and processing The intuitive ability of a knowledge object , thinking ability and imagination . The Importance of the learning is no one . _ _ born with an adult in society ability . The is particularly important to understand the learning experience that caused the migration to occur . migration is defined as , take _ Scenarios Learn from the East the ability to migrate west to new situations . "⑧ Learning is for the understanding of the world and people self , It also trains and cultivates the ability to adapt to new situations .

first talk about thinking ability . The think Power can also be called abstract capability or conceptual ability . people live in the world , every time encounters various occurrences , various events , but generally , people generally can face and handle them calmly and smoothly . This main is because people can from the numerous , mixed phenomena and events grab this Quality and principal contradiction , and is capable of reasoning about its results and trend to form _ more accurate expectations and judgments . that people can move use all kinds of perceptual material and through logical reasoning in the thought of walking in time before , It all depends on people's abstract and conceptual abilities. . Learn The key to success of the acquisition , just in the sense of being able to return from the alien

to the "" Self, , The sees the alien as aThe consciousness of the . The ®

Learning to use concepts , inference to understand and interpret things , The phenomenon is distinguish between things exactly and reasonably , , difference , Paradox ,and On This basis, the relationship between these differences and their nature , Various derivative consequences make judgments and guesses , This is for any _ individualare required , mandatory .

however , The one thing that learners now worry about is that there is no Intent , No ability to use concepts for abstract thinking . Learn and Update abstract Thinking to learners seems like a " useless " " and Painful task , so , In addition to the symbolic completion of _ Point related to the lesson outside the industry task , Basic to abstract thinking _ kind of indifference , not to be Moving attitude . Their abstract ability and conceptual ability only stay on a "" Common sense level , relative to an increasingly complex knowledge technology society To say , The learner will face the risk of being marginalized .

but , Abstract and conceptual capabilities are limited . some fields , or some time , conceptual or abstract capabilities are completely out of the with , or opposite , They react , prevents us from knowledge or the close of the Truth , and often cause contradictions and paradoxes . at this time , They are experiencing the use of knowledge , Kant once detailed the on this issue . The limits of this discussion here are similar to this. , but is not very strict , that is not from free will to discuss people's Self-legislative issues . instead of saying , the Truth or truth of something is through " " is The way appears to people is , their save in need of intuition and imagination to reach , or say , Some things or The phenomenon does not exist in a reflective way , Conceptual approach . such as Love sense , Moral , u , Art , Religion , , and so on .

Intuitive force is not directly from the phenomenon through conceptual inference , Real-world experience , , grasping the potential capabilities of nature and truth . The can sometimes be called a " consciousness " or an epiphany by.. Even though the size of the intuitive force may be have a difference , But it's not someone's patent. , For example we don't learn and Intimate affection , the thing about beauty that comes from love when it's born . Simple Love . just , because ordinary people are daily rational ,daily Thinking Limited , The intuition is suppressed and repelled by the . is over the _ point , If abstract or conceptual ability has self-knowledge can in- time avoidance or exit, or a field that can help people clean their hearts to , not subject to thought and reason and other factors nuisance and pollution , then , People can maintain a "" Pro heart"" to reflect those with is something that exists in the "" method and is like , Intuition then it automatically appears. .

imagination may not be _ A separate capability . It exists both in the Abstract and conceptual capabilities , The also exists in intuitive capabilities . It should be called _The ability to be willing or the capacity of an idea . because to , Imagination is nothing else , is our reason or mind betting to him a concept and image of the person . When a certain intention or idea reaches the to, savings to a considerable extent , They will drive the learner's large Mind and heart automatically find answers , image , and other resolution method and approach to satisfy those strong problem ideas . or say , want the image force has a capability to regenerate , "" If there is not an imaginationRegenerate ability , Even if this ability is an empirical , , or even This understanding of heteropoly will not produce any image and print as associated . "⑩ inspiration ,wisdom , Genius may exist in this contacts the ability to synthesize impressions . so , genius true with congenital factors related to , But this article more believes in a learner in the day after tomorrow completely can grow to another _ class Genius , as long as his motives are strong enough , is sufficient persistent , enough pure .

so , Learning is people through the abstract force , Intuition and imagination adapt to Environment , Understanding World Behavior , is also a person's self growth ,Mature and independent procedures ; specifically , Learning is essentially doing this

Dilemma and breakthrough of learning- _ things , It trains , Foster Logical thinking and organization , Migrating knowledge , inspiring learners ' piety and cognitive heat love .

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