Every substance is negatively electric to that which stands above it in the chemical tables, positively to that which stands below it. Water dissolves wood, and iron, and salt; air dissolves water; electric fire dissolves air, but the intellect dissolves fire, gravity, laws, method, and the subtlest unnamed relations of nature, in its resistless menstruum. Intellect lies behind genius, which is intellect constructive. Intellect is the simple power anterior to all action or construction. Gladly would I unfold in calm degrees a natural history of the intellect, but what man has yet been able to mark the steps and boundaries of that transparent essence? The first questions are always to be asked, and the wisest doctor is

Go, speed the stars of Thought
On to their shining goals; –
The sower scatters broad his seed,
The wheat thou strew’st be souls.

from Essays: First Series (1841)
gravelled by the inquisitiveness of a child. How can we speak of the action of the mind under any divisions, as of its knowledge, of its ethics, of its works, and so forth, since it melts will into perception, knowledge into act? Each becomes the other. Itself alone is. Its vision is not like the vision of the eye, but is union with the things known.

Intellect and intellection signify to the common ear consideration of abstract truth. The considerations of time and place, of you and me, of profit and hurt, tyrannize over most men’s minds. Intellect separates the fact considered from _you_, from all local and personal reference, and discerns it as if it existed for its own sake. Heraclitus looked upon the affections as dense and colored mists. In the fog of good and evil affections, it is hard for man to walk forward in a straight line. Intellect is void of affection, and sees an object as it stands in the light of science, cool and disengaged. The intellect goes out of the individual, floats over its own personality, and regards it as a fact, and not as _I_ and _mine_. He who is immersed in what concerns person or place cannot see the problem of existence. This the intellect always ponders. Nature shows all things formed and bound. The intellect pierces the form, overleaps the wall, detects intrinsic likeness between remote things, and reduces all things into a few principles.

The making a fact the subject of thought raises it. All that mass of mental and moral phenomena, which we do not make objects of voluntary thought, come within the power of fortune; they constitute the circumstance of daily life; they are subject to change, to fear, and hope. Every man beholds his human condition with a degree of melancholy. As a ship aground is battered by the waves, so man, imprisoned in mortal life, lies open to the mercy of coming events. But a truth, separated by the intellect, is no longer a subject of destiny. We behold it as a god upraised above care and fear. And so any fact in our life, or any record of our fancies or reflections, disentangled from the web of our unconsciousness, becomes an object impersonal and immortal. It is the past restored, but embalmed. A better art than that of Egypt has taken fear and corruption out of it. It is eviscerated of care. It is
offered for science. What is addressed to us for contemplation does not threaten us, but makes us intellectual beings.

The growth of the intellect is spontaneous in every expansion. The mind that grows could not predict the times, the means, the mode of that spontaneity. God enters by a private door into every individual. Long prior to the age of reflection is the thinking of the mind. Out of darkness, it came insensibly into the marvellous light of to-day. In the period of infancy it accepted and disposed of all impressions from the surrounding creation after its own way. Whatever any mind doth or saith is after a law; and this native law remains over it after it has come to reflection or conscious thought. In the most worn, pedantic, introverted self-tormenter’s life, the greatest part is incalculable by him, unforeseen, unimaginable, and must be, until he can take himself up by his own ears. What am I? What has my will done to make me that I am? Nothing. I have been floated into this thought, this hour, this connection of events, by secret currents of might and mind, and my ingenuity and wilfulness have not thwarted, have not aided to an appreciable degree.

Our spontaneous action is always the best. You cannot, with your best deliberation and heed, come so close to any question as your spontaneous glance shall bring you, whilst you rise from your bed, or walk abroad in the morning after meditating the matter before sleep on the previous night. Our thinking is a pious reception. Our truth of thought is therefore vitiated as much by too violent direction given by our will, as by too great negligence. We do not determine what we will think. We only open our senses, clear away, as we can, all obstruction from the fact, and suffer the intellect to see. We have little control over our thoughts. We are the prisoners of ideas. They catch us up for moments into their heaven, and so fully engage us, that we take no thought for the morrow, gaze like children, without an effort to make them our own. By and by we fall out of that rapture, bethink us where we have been, what we have seen, and repeat, as truly as we can, what we have beheld. As far as we can recall these ecstasies, we carry away in the ineffaceable memory the result, and all
men and all the ages confirm it. It is called Truth. But the moment we cease to report, and attempt to correct and contrive, it is not truth.

If we consider what persons have stimulated and profited us, we shall perceive the superiority of the spontaneous or intuitive principle over the arithmetical or logical. The first contains the second, but virtual and latent. We want, in every man, a long logic; we cannot pardon the absence of it, but it must not be spoken. Logic is the procession or proportionate unfolding of the intuition; but its virtue is as silent method; the moment it would appear as propositions, and have a separate value, it is worthless.

In every man’s mind, some images, words, and facts remain, without effort on his part to imprint them, which others forget, and afterwards these illustrate to him important laws. All our progress is an unfolding, like the vegetable bud. You have first an instinct, then an opinion, then a knowledge, as the plant has root, bud, and fruit. Trust the instinct to the end, though you can render no reason. It is vain to hurry it. By trusting it to the end, it shall ripen into truth, and you shall know why you believe.

Each mind has its own method. A true man never acquires after college rules. What you have aggregated in a natural manner surprises and delights when it is produced. For we cannot oversee each other’s secret. And hence the differences between men in natural endowment are insignificant in comparison with their common wealth. Do you think the porter and the cook have no anecdotes, no experiences, no wonders for you? Every body knows as much as the savant. The walls of rude minds are scrawled all over with facts, with thoughts. They shall one day bring a lantern and read the inscriptions. Every man, in the degree in which he has wit and culture, finds his curiosity inflamed concerning the modes of living and thinking of other men, and especially of those classes whose minds have not been subdued by the drill of school education.
This instinctive action never ceases in a healthy mind, but becomes richer and more frequent in its informations through all states of culture. At last comes the era of reflection, when we not only observe, but take pains to observe; when we of set purpose sit down to consider an abstract truth; when we keep the mind’s eye open, whilst we converse, whilst we read, whilst we act, intent to learn the secret law of some class of facts.

What is the hardest task in the world? To think. I would put myself in the attitude to look in the eye an abstract truth, and I cannot. I blench and withdraw on this side and on that. I seem to know what he meant who said, No man can see God face to face and live. For example, a man explores the basis of civil government. Let him intend his mind without respite, without rest, in one direction. His best heed long time avails him nothing. Yet thoughts are flitting before him. We all but apprehend, we dimly forebode the truth. We say, I will walk abroad, and the truth will take form and clearness to me. We go forth, but cannot find it. It seems as if we needed only the stillness and composed attitude of the library to seize the thought. But we come in, and are as far from it as at first. Then, in a moment, and unannounced, the truth appears. A certain, wandering light appears, and is the distinction, the principle, we wanted. But the oracle comes, because we had previously laid siege to the shrine. It seems as if the law of the intellect resembled that law of nature by which we now inspire, now expire the breath; by which the heart now draws in, then hurls out the blood, – the law of undulation. So now you must labor with your brains, and now you must forbear your activity, and see what the great Soul showeth.

The immortality of man is as legitimately preached from the intellections as from the moral volitions. Every intellection is mainly prospective. Its present value is its least. Inspect what delights you in Plutarch, in Shakspeare, in Cervantes. Each truth that a writer acquires is a lantern, which he turns full on what facts and thoughts lay already in his mind, and behold, all the mats and rubbish which had littered his garret become precious. Every trivial fact in his private biography becomes an illustration of this new principle, revisits the day, and
delights all men by its piquancy and new charm. Men say, Where did he get this? and think there was something divine in his life. But no; they have myriads of facts just as good, would they only get a lamp to ransack their attics withal.

We are all wise. The difference between persons is not in wisdom but in art. I knew, in an academical club, a person who always deferred to me, who, seeing my whim for writing, fancied that my experiences had somewhat superior; whilst I saw that his experiences were as good as mine. Give them to me, and I would make the same use of them. He held the old; he holds the new; I had the habit of tacking together the old and the new, which he did not use to exercise. This may hold in the great examples. Perhaps if we should meet Shakspeare, we should not be conscious of any steep inferiority; no: but of a great equality, – only that he possessed a strange skill of using, of classifying, his facts, which we lacked. For, notwithstanding our utter incapacity to produce any thing like Hamlet and Othello, see the perfect reception this wit, and immense knowledge of life, and liquid eloquence find in us all.

If you gather apples in the sunshine, or make hay, or hoe corn, and then retire within doors, and shut your eyes, and press them with your hand, you shall still see apples hanging in the bright light, with boughs and leaves thereto, or the tasselled grass, or the corn-flags, and this for five or six hours afterwards. There lie the impressions on the retentive organ, though you knew it not. So lies the whole series of natural images with which your life has made you acquainted in your memory, though you know it not, and a thrill of passion flashes light on their dark chamber, and the active power seizes instantly the fit image, as the word of its momentary thought.

It is long ere we discover how rich we are. Our history, we are sure, is quite tame: we have nothing to write, nothing to infer. But our wiser years still run back to the despised recollections of childhood, and always we are fishing up some wonderful article out of that
pond; until, by and by, we begin to suspect that the biography of the one foolish person we know is, in reality, nothing less than the miniature paraphrase of the hundred volumes of the Universal History.

In the intellect constructive, which we popularly designate by the word Genius, we observe the same balance of two elements as in intellect receptive. The constructive intellect produces thoughts, sentences, poems, plans, designs, systems. It is the generation of the mind, the marriage of thought with nature. To genius must always go two gifts, the thought and the publication. The first is revelation, always a miracle, which no frequency of occurrence or incessant study can ever familiarize, but which must always leave the inquirer stupid with wonder. It is the advent of truth into the world, a form of thought now, for the first time, bursting into the universe, a child of the old eternal soul, a piece of genuine and immeasurable greatness. It seems, for the time, to inherit all that has yet existed, and to dictate to the unborn. It affects every thought of man, and goes to fashion every institution. But to make it available, it needs a vehicle or art by which it is conveyed to men. To be communicable, it must become picture or sensible object. We must learn the language of facts. The most wonderful inspirations die with their subject, if he has no hand to paint them to the senses. The ray of light passes invisible through space, and only when it falls on an object is it seen. When the spiritual energy is directed on something outward, then it is a thought. The relation between it and you first makes you, the value of you, apparent to me. The rich, inventive genius of the painter must be smothered and lost for want of the power of drawing, and in our happy hours we should be inexhaustible poets, if once we could break through the silence into adequate rhyme. As all men have some access to primary truth, so all have some art or power of communication in their head, but only in the artist does it descend into the hand. There is an inequality, whose laws we do not yet know, between two men and between two moments of the same man, in respect to this faculty. In common hours, we have the same facts as in the uncommon or inspired, but they do not sit for their portraits; they are not detached, but lie in a web. The thought of genius is
spontaneous; but the power of picture or expression, in the most enriched and flowing
nature, implies a mixture of will, a certain control over the spontaneous states, without which
no production is possible. It is a conversion of all nature into the rhetoric of thought, under
the eye of judgment, with a strenuous exercise of choice. And yet the imaginative
vocabulary seems to be spontaneous also. It does not flow from experience only or mainly,
but from a richer source. Not by any conscious imitation of particular forms are the grand
strokes of the painter executed, but by repairing to the fountain-head of all forms in his
mind. Who is the first drawing-master? Without instruction we know very well the ideal of
the human form. A child knows if an arm or a leg be distorted in a picture, if the attitude be
natural or grand, or mean, though he has never received any instruction in drawing, or
heard any conversation on the subject, nor can himself draw with correctness a single
feature. A good form strikes all eyes pleasantly, long before they have any science on the
subject, and a beautiful face sets twenty hearts in palpitation, prior to all consideration of the
mechanical proportions of the features and head. We may owe to dreams some light on the
fountain of this skill; for, as soon as we let our will go, and let the unconscious states ensue,
see what cunning draughtsmen we are! We entertain ourselves with wonderful forms of
men, of women, of animals, of gardens, of woods, and of monsters, and the mystic pencil
wherewith we then draw has no awkwardness or inexperience, no meagreness or poverty; it
can design well, and group well; its composition is full of art, its colors are well laid on, and
the whole canvas which it paints is life-like, and apt to touch us with terror, with tenderness,
with desire, and with grief. Neither are the artist’s copies from experience ever mere copies,
but always touched and softened by tints from this ideal domain.

The conditions essential to a constructive mind do not appear to be so often combined but
that a good sentence or verse remains fresh and memorable for a long time. Yet when we
write with ease, and come out into the free air of thought, we seem to be assured that
nothing is easier than to continue this communication at pleasure. Up, down, around, the
kingdom of thought has no inclosures, but the Muse makes us free of her city. Well, the
world has a million writers. One would think, then, that good thought would be as familiar as air and water, and the gifts of each new hour would exclude the last. Yet we can count all our good books; nay, I remember any beautiful verse for twenty years. It is true that the discerning intellect of the world is always much in advance of the creative, so that there are many competent judges of the best book, and few writers of the best books. But some of the conditions of intellectual construction are of rare occurrence. The intellect is a whole, and demands integrity in every work. This is resisted equally by a man's devotion to a single thought, and by his ambition to combine too many.

Truth is our element of life, yet if a man fasten his attention on a single aspect of truth, and apply himself to that alone for a long time, the truth becomes distorted and not itself, but falsehood; herein resembling the air, which is our natural element, and the breath of our nostrils, but if a stream of the same be directed on the body for a time, it causes cold, fever, and even death. How wearisome the grammarian, the phrenologist, the political or religious fanatic, or indeed any possessed mortal whose balance is lost by the exaggeration of a single topic. It is incipient insanity. Every thought is a prison also. I cannot see what you see, because I am caught up by a strong wind, and blown so far in one direction that I am out of the hoop of your horizon.

Is it any better, if the student, to avoid this offence, and to liberalize himself, aims to make a mechanical whole of history, or science, or philosophy, by a numerical addition of all the facts that fall within his vision? The world refuses to be analyzed by addition and subtraction. When we are young, we spend much time and pains in filling our note-books with all definitions of Religion, Love, Poetry, Politics, Art, in the hope that, in the course of a few years, we shall have condensed into our encyclopaedia the net value of all the theories at which the world has yet arrived. But year after year our tables get no completeness, and at last we discover that our curve is a parabola, whose arcs will never meet.
Neither by detachment, neither by aggregation, is the integrity of the intellect transmitted to its works, but by a vigilance which brings the intellect in its greatness and best state to operate every moment. It must have the same wholeness which nature has. Although no diligence can rebuild the universe in a model, by the best accumulation or disposition of details, yet does the world reappear in miniature in every event, so that all the laws of nature may be read in the smallest fact. The intellect must have the like perfection in its apprehension and in its works. For this reason, an index or mercury of intellectual proficiency is the perception of identity. We talk with accomplished persons who appear to be strangers in nature. The cloud, the tree, the turf, the bird are not theirs, have nothing of them: the world is only their lodging and table. But the poet, whose verses are to be spherai and complete, is one whom Nature cannot deceive, whatsoever face of strangeness she may put on. He feels a strict consanguinity, and detects more likeness than variety in all her changes. We are stung by the desire for new thought; but when we receive a new thought, it is only the old thought with a new face, and though we make it our own, we instantly crave another; we are not really enriched. For the truth was in us before it was reflected to us from natural objects; and the profound genius will cast the likeness of all creatures into every product of his wit.

But if the constructive powers are rare, and it is given to few men to be poets, yet every man is a receiver of this descending holy ghost, and may well study the laws of its influx. Exactly parallel is the whole rule of intellectual duty to the rule of moral duty. A self-denial, no less austere than the saint's, is demanded of the scholar. He must worship truth, and forego all things for that, and choose defeat and pain, so that his treasure in thought is thereby augmented.

God offers to every mind its choice between truth and repose. Take which you please, – you can never have both. Between these, as a pendulum, man oscillates. He in whom the love of repose predominates will accept the first creed, the first philosophy, the first political party
he meets, — most likely his father's. He gets rest, commodity, and reputation; but he shuts the door of truth. He in whom the love of truth predominates will keep himself aloof from all moorings, and afloat. He will abstain from dogmatism, and recognize all the opposite negations, between which, as walls, his being is swung. He submits to the inconvenience of suspense and imperfect opinion, but he is a candidate for truth, as the other is not, and respects the highest law of his being.

The circle of the green earth he must measure with his shoes, to find the man who can yield him truth. He shall then know that there is somewhat more blessed and great in hearing than in speaking. Happy is the hearing man; unhappy the speaking man. As long as I hear truth, I am bathed by a beautiful element, and am not conscious of any limits to my nature. The suggestions are thousandfold that I hear and see. The waters of the great deep have ingress and egress to the soul. But if I speak, I define, I confine, and am less. When Socrates speaks, Lysis and Menexenus are afflicted by no shame that they do not speak. They also are good. He likewise defers to them, loves them, whilst he speaks. Because a true and natural man contains and is the same truth which an eloquent man articulates: but in the eloquent man, because he can articulate it, it seems something the less to reside, and he turns to these silent beautiful with the more inclination and respect. The ancient sentence said, Let us be silent, for so are the gods. Silence is a solvent that destroys personality, and gives us leave to be great and universal. Every man's progress is through a succession of teachers, each of whom seems at the time to have a superlative influence, but it at last gives place to a new. Frankly let him accept it all. Jesus says, Leave father, mother, house and lands, and follow me. Who leaves all, receives more. This is as true intellectually as morally. Each new mind we approach seems to require an abdication of all our past and present possessions. A new doctrine seems, at first, a subversion of all our opinions, tastes, and manner of living. Such has Swedenborg, such has Kant, such has Coleridge, such has Hegel or his interpreter Cousin, seemed to many young men in this country. Take thankfully and heartily all they can give. Exhaust them, wrestle with them, let them not go until their blessing be won, and, after
a short season, the dismay will be overpast, the excess of influence withdrawn, and they will be no longer an alarming meteor, but one more bright star shining serenely in your heaven, and blending its light with all your day.

But whilst he gives himself up unreservedly to that which draws him, because that is his own, he is to refuse himself to that which draws him not, whatsoever fame and authority may attend it, because it is not his own. Entire self-reliance belongs to the intellect. One soul is a counterpoise of all souls, as a capillary column of water is a balance for the sea. It must treat things, and books, and sovereign genius, as itself also a sovereign. If Aeschylus be that man he is taken for, he has not yet done his office, when he has educated the learned of Europe for a thousand years. He is now to approve himself a master of delight to me also. If he cannot do that, all his fame shall avail him nothing with me. I were a fool not to sacrifice a thousand Aeschyluses to my intellectual integrity. Especially take the same ground in regard to abstract truth, the science of the mind. The Bacon, the Spinoza, the Hume, Schelling, Kant, or whosoever propounds to you a philosophy of the mind, is only a more or less awkward translator of things in your consciousness, which you have also your way of seeing, perhaps of denominating. Say, then, instead of too timidly poring into his obscure sense, that he has not succeeded in rendering back to you your consciousness. He has not succeeded; now let another try. If Plato cannot, perhaps Spinoza will. If Spinoza cannot, then perhaps Kant. Anyhow, when at last it is done, you will find it is no recondite, but a simple, natural, common state, which the writer restores to you.

But let us end these didactics. I will not, though the subject might provoke it, speak to the open question between Truth and Love. I shall not presume to interfere in the old politics of the skies;—“The cherubim know most; the seraphim love most.” The gods shall settle their own quarrels. But I cannot recite, even thus rudely, laws of the intellect, without remembering that lofty and sequestered class of men who have been its prophets and oracles, the high-priesthood of the pure reason, the _Trismegisti_, the expounders of the
principles of thought from age to age. When, at long intervals, we turn over their abstruse pages, wonderful seems the calm and grand air of these few, these great spiritual lords, who have walked in the world, — these of the old religion, — dwelling in a worship which makes the sanctities of Christianity look _parvenues_ and popular; for “persuasion is in soul, but necessity is in intellect.” This band of grandees, Hermes, Heraclitus, Empedocles, Plato, Plotinus, Olympiodorus, Proclus, Synesius, and the rest, have somewhat so vast in their logic, so primary in their thinking, that it seems antecedent to all the ordinary distinctions of rhetoric and literature, and to be at once poetry, and music, and dancing, and astronomy, and mathematics. I am present at the sowing of the seed of the world. With a geometry of sunbeams, the soul lays the foundations of nature. The truth and grandeur of their thought is proved by its scope and applicability, for it commands the entire schedule and inventory of things for its illustration. But what marks its elevation, and has even a comic look to us, is the innocent serenity with which these babe-like Jupiters sit in their clouds, and from age to age prattle to each other, and to no contemporary. Well assured that their speech is intelligible, and the most natural thing in the world, they add thesis to thesis, without a moment’s heed of the universal astonishment of the human race below, who do not comprehend their plainest argument; nor do they ever relent so much as to insert a popular or explaining sentence; nor testify the least displeasure or petulance at the dulness of their amazed auditory. The angels are so enamoured of the language that is spoken in heaven, that they will not distort their lips with the hissing and unmusical dialects of men, but speak their own, whether there be any who understand it or not.