



THE SECRETS OF SOIL

LIFE & RESURRECTION

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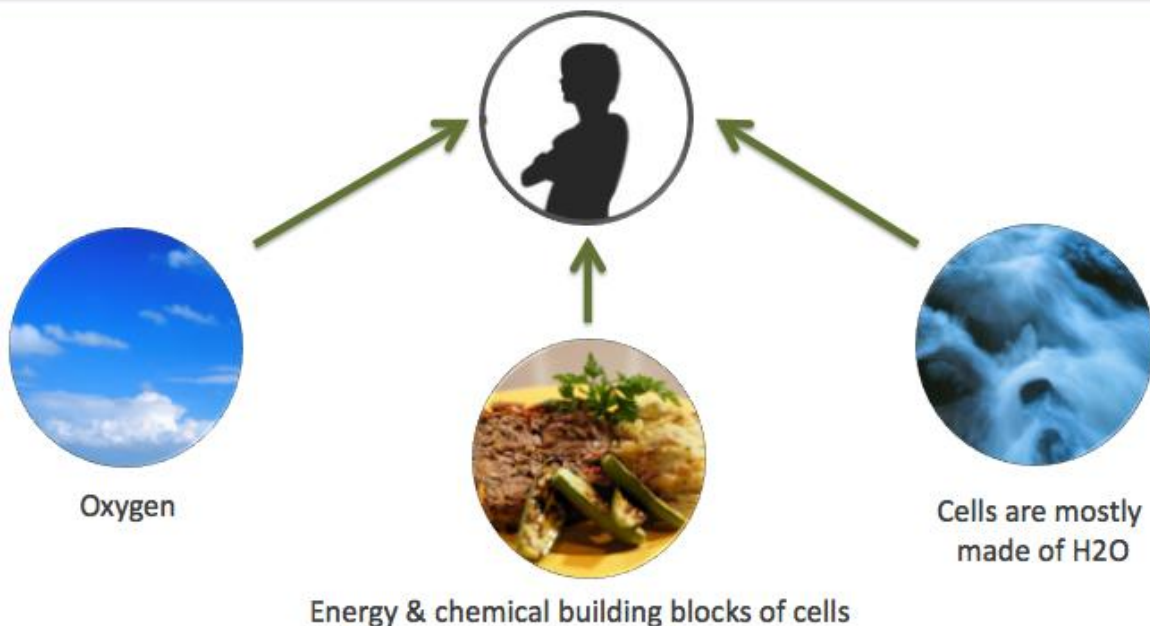
SOIL: AN ESSENTIAL ELEMENT

All organisms must take in matter from their environment in order to survive. There are **92** naturally occurring elements on Earth. Only a minority of them is needed by living things.

Humans require about **21** different elements to be healthy. Almost all of the mass of our bodies comes from just **6** of those elements (carbon, hydrogen, oxygen, nitrogen, phosphorus, and calcium). These are the elements used to construct the carbohydrates, nucleic acids, proteins, and other molecules that make up our cells and carry out their chemistry.

The plants too must carry out thousands of different chemical reactions, many of which are similar to those of humans. Scientists have identified **17** elements that are described as **essential elements**, which are required by plants and humans to complete their life cycles.

Warm-up: What do humans consume from the environment for survival?



SOURCES OF ESSENTIAL ELEMENTS

The **atmosphere** of our world is a mixture of nitrogen, oxygen, and trace gases that include water vapor.

The **soil** consists of weathered rocks and decomposed organic material from dead plants, animals, and bacteria.

The **water**, which covers the majority of the earth's surface, circulates through the crust, oceans, and atmosphere in what is known as the "water cycle."



AIR

SOIL

WATER

What do humans need to live?

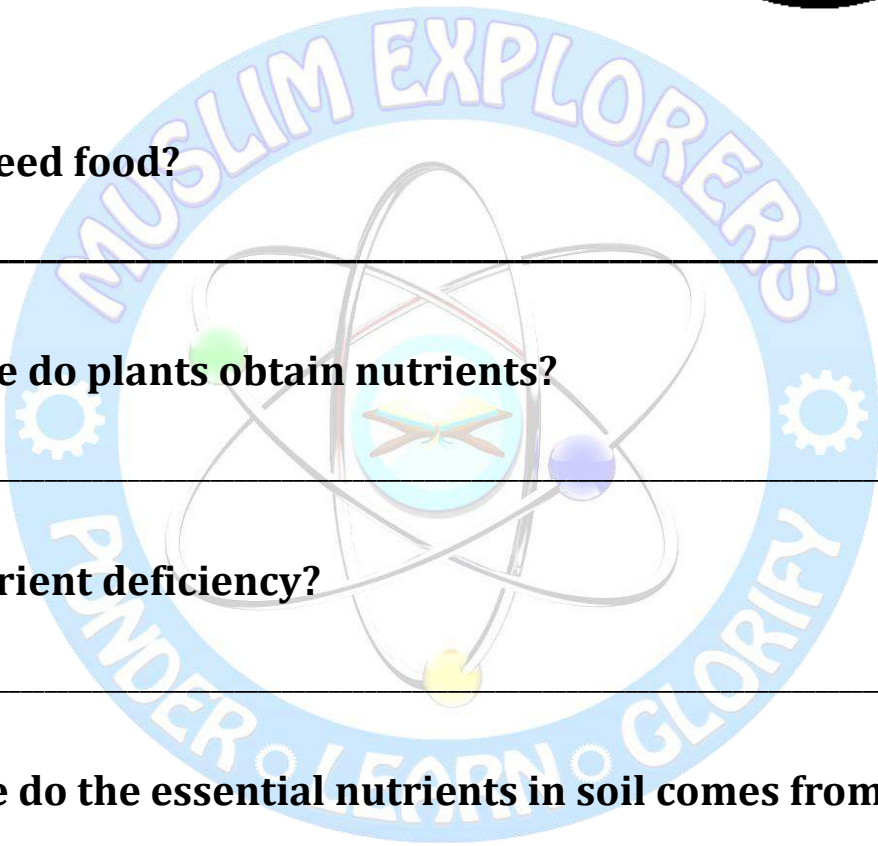


Do plants need food?

From where do plants obtain nutrients?

What is nutrient deficiency?

From where do the essential nutrients in soil comes from?



Color all the essential nutrients needed for plants and humans.

1	2	13	14	15	16	17	18
1 H Hydrogen 1.007	2 He Helium 4.0026	5 B Boron 10.81	6 C Carbon 12.011	7 N Nitrogen 14.0067	8 O Oxygen 15.9994	9 F Fluorine 18.998	10 Ne Neon 20.179
3 Li Lithium 6.941	4 Be Beryllium 9.012	11 Na Sodium 22.98977	12 Mg Magnesium 24.305	13 Al Aluminum 26.9815	14 Si Silicon 28.0855	15 P Phosphorus 30.973	16 S Sulfur 32.06
19 K Potassium 39.098	20 Ca Calcium 40.08	37 Rb Rubidium 85.467	38 Sr Strontium 87.62	39 Y Yttrium 88.905	40 Zr Zirconium 91.224	55 Cs Cesium 132.905	56 Ba Barium 137.3
21 Sc Scandium 44.955	22 Ti Titanium 47.88	39 Y Yttrium 88.905	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.94	51 Sb Antimony 121.75	52 Te Tellurium 127.60
23 V Vanadium 50.9415	24 Cr Chromium 51.996	41 Nb Niobium 92.906	42 Mo Molybdenum 95.94	43 Tc Technetium (98)	44 Ru Ruthenium 101.07	53 I Iodine 126.905	54 Xe Xenon 131.29
25 Mn Manganese 54.938	26 Fe Iron 55.847	43 Tc Technetium (98)	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	83 Bi Bismuth 208.980	84 Po Polonium (209)
27 Co Cobalt 58.933	28 Ni Nickel 58.69	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	76 Os Osmium 190.2	77 Ir Iridium 192.22	85 At Astatine (210)	86 Rn Radon (222)
29 Cu Copper 63.546	30 Zn Zinc 65.39	76 Os Osmium 190.2	77 Ir Iridium 192.22	78 Pt Platinum 195.08	79 Au Gold 196.967	87 Fr Francium (223)	88 Ra Radium (226.0)
31 Ga Gallium 69.72	32 Ge Germanium 72.59	78 Pt Platinum 195.08	79 Au Gold 196.967	80 Hg Mercury 200.59	81 Tl Thallium 204.383	89 Ac Actinium (227.028)	90 Th Thorium 232.038
47 Ag Silver 107.868	48 Cd Cadmium 112.41	80 Hg Mercury 200.59	81 Tl Thallium 204.383	107 Bh Bohrium (262)	108 Hs Hassium (265)	91 Pa Protactinium 231.036	92 U Uranium 238.0289
79 Au Gold 196.967	80 Hg Mercury 200.59	107 Bh Bohrium (262)	108 Hs Hassium (265)	109 Ts Tennessine (286)	110 Ds Darmstadtium (285)	93 Np Neptunium (241)	94 Pu Plutonium (244)
81 Tl Thallium 204.383	82 Pb Lead 207.2	109 Ts Tennessine (286)	110 Ds Darmstadtium (285)	111 Rg Roentgenium (288)	112 Cn Copernicium (289)	94 Pu Plutonium (244)	95 Am Americium (243)
83 Bi Bismuth 208.980	84 Po Polonium (209)	111 Rg Roentgenium (288)	112 Cn Copernicium (289)	113 Fl Flerovium (287)	114 Mc Moscovium (288)	95 Am Americium (243)	96 Cm Curium (247)
85 At Astatine (210)	86 Rn Radon (222)	113 Fl Flerovium (287)	114 Mc Moscovium (288)	115 Lv Livermorium (293)	116 Ts Tennessine (294)	96 Cm Curium (247)	97 Bk Berkelium (247)
87 Fr Francium (223)	88 Ra Radium (226.0)	115 Lv Livermorium (293)	116 Ts Tennessine (294)	117 Uu Ununseptium (294)	118 Og Oganesson (294)	97 Bk Berkelium (247)	98 Cf Californium (251)
89 Ac Actinium (227.028)	90 Th Thorium 232.038	117 Uu Ununseptium (294)	118 Og Oganesson (294)	119 Uts Ununseptium (294)	120 Uub Ununseptium (294)	98 Cf Californium (251)	99 Es Einsteinium (252)
91 Pa Protactinium 231.036	92 U Uranium 238.0289	119 Uu Ununseptium (294)	120 Uub Ununseptium (294)	121 Uut Ununseptium (294)	122 Uuq Ununseptium (294)	99 Es Einsteinium (252)	100 Fm Fermium (257)
93 Np Neptunium (241)	94 Pu Plutonium (244)	121 Uut Ununseptium (294)	122 Uuq Ununseptium (294)	123 Uuq Ununseptium (294)	124 Uuq Ununseptium (294)	100 Fm Fermium (257)	101 Md Mendelevium (258)
94 Pu Plutonium (244)	95 Am Americium (243)	123 Uuq Ununseptium (294)	124 Uuq Ununseptium (294)	125 Uuq Ununseptium (294)	126 Uuq Ununseptium (294)	101 Md Mendelevium (258)	102 No Nobelium (259)
95 Am Americium (243)	96 Cm Curium (247)	125 Uuq Ununseptium (294)	126 Uuq Ununseptium (294)	127 Uuq Ununseptium (294)	128 Uuq Ununseptium (294)	102 No Nobelium (259)	103 Lr Lawrencium (260)
96 Cm Curium (247)	97 Bk Berkelium (247)	127 Uuq Ununseptium (294)	128 Uuq Ununseptium (294)	129 Uuq Ununseptium (294)	130 Uuq Ununseptium (294)	103 Lr Lawrencium (260)	104 Rf Rutherfordium (261)
97 Bk Berkelium (247)	98 Cf Californium (251)	129 Uuq Ununseptium (294)	130 Uuq Ununseptium (294)	131 Uuq Ununseptium (294)	132 Uuq Ununseptium (294)	104 Rf Rutherfordium (261)	105 Db Dubnium (262)
98 Cf Californium (251)	99 Es Einsteinium (252)	131 Uuq Ununseptium (294)	132 Uuq Ununseptium (294)	133 Uuq Ununseptium (294)	134 Uuq Ununseptium (294)	105 Db Dubnium (262)	106 Sg Seaborgium (266)
99 Es Einsteinium (252)	100 Fm Fermium (257)	133 Uuq Ununseptium (294)	134 Uuq Ununseptium (294)	135 Uuq Ununseptium (294)	136 Uuq Ununseptium (294)	106 Sg Seaborgium (266)	107 Bh Bohrium (262)
100 Fm Fermium (257)	101 Md Mendelevium (258)	135 Uuq Ununseptium (294)	136 Uuq Ununseptium (294)	137 Uuq Ununseptium (294)	138 Uuq Ununseptium (294)	107 Bh Bohrium (262)	108 Hs Hassium (265)
101 Md Mendelevium (258)	102 No Nobelium (259)	137 Uuq Ununseptium (294)	138 Uuq Ununseptium (294)	139 Uuq Ununseptium (294)	140 Uuq Ununseptium (294)	108 Hs Hassium (265)	109 Ts Tennessine (286)
102 No Nobelium (259)	103 Lr Lawrencium (260)	139 Uuq Ununseptium (294)	140 Uuq Ununseptium (294)	141 Uuq Ununseptium (294)	142 Uuq Ununseptium (294)	109 Ts Tennessine (286)	110 Ds Darmstadtium (285)
103 Lr Lawrencium (260)	104 Rf Rutherfordium (261)	141 Uuq Ununseptium (294)	142 Uuq Ununseptium (294)	143 Uuq Ununseptium (294)	144 Uuq Ununseptium (294)	110 Ds Darmstadtium (285)	111 Rg Roentgenium (288)
104 Rf Rutherfordium (261)	105 Db Dubnium (262)	143 Uuq Ununseptium (294)	144 Uuq Ununseptium (294)	145 Uuq Ununseptium (294)	146 Uuq Ununseptium (294)	111 Rg Roentgenium (288)	112 Cn Copernicium (289)
105 Db Dubnium (262)	106 Sg Seaborgium (266)	145 Uuq Ununseptium (294)	146 Uuq Ununseptium (294)	147 Uuq Ununseptium (294)	148 Uuq Ununseptium (294)	112 Cn Copernicium (289)	113 Fl Flerovium (287)
106 Sg Seaborgium (266)	107 Bh Bohrium (262)	147 Uuq Ununseptium (294)	148 Uuq Ununseptium (294)	149 Uuq Ununseptium (294)	150 Uuq Ununseptium (294)	113 Fl Flerovium (287)	114 Mc Moscovium (288)
107 Bh Bohrium (262)	108 Hs Hassium (265)	149 Uuq Ununseptium (294)	150 Uuq Ununseptium (294)	151 Uuq Ununseptium (294)	152 Uuq Ununseptium (294)	114 Mc Moscovium (288)	115 Lv Livermorium (293)
108 Hs Hassium (265)	109 Ts Tennessine (286)	151 Uuq Ununseptium (294)	152 Uuq Ununseptium (294)	153 Uuq Ununseptium (294)	154 Uuq Ununseptium (294)	115 Lv Livermorium (293)	116 Ts Tennessine (294)
109 Ts Tennessine (286)	110 Ds Darmstadtium (285)	153 Uuq Ununseptium (294)	154 Uuq Ununseptium (294)	155 Uuq Ununseptium (294)	156 Uuq Ununseptium (294)	116 Ts Tennessine (294)	117 Uu Ununseptium (294)
110 Ds Darmstadtium (285)	111 Rg Roentgenium (288)	155 Uuq Ununseptium (294)	156 Uuq Ununseptium (294)	157 Uuq Ununseptium (294)	158 Uuq Ununseptium (294)	117 Uu Ununseptium (294)	118 Og Oganesson (294)
111 Rg Roentgenium (288)	112 Cn Copernicium (289)	157 Uuq Ununseptium (294)	158 Uuq Ununseptium (294)	159 Uuq Ununseptium (294)	160 Uuq Ununseptium (294)	118 Og Oganesson (294)	119 Uu Ununseptium (294)
112 Cn Copernicium (289)	113 Fl Flerovium (287)	159 Uuq Ununseptium (294)	160 Uuq Ununseptium (294)	161 Uuq Ununseptium (294)	162 Uuq Ununseptium (294)	119 Uu Ununseptium (294)	120 Og Oganesson (294)
113 Fl Flerovium (287)	114 Mc Moscovium (288)	161 Uuq Ununseptium (294)	162 Uuq Ununseptium (294)	163 Uuq Ununseptium (294)	164 Uuq Ununseptium (294)	120 Og Oganesson (294)	121 Uu Ununseptium (294)
114 Mc Moscovium (288)	115 Lv Livermorium (293)	163 Uuq Ununseptium (294)	164 Uuq Ununseptium (294)	165 Uuq Ununseptium (294)	166 Uuq Ununseptium (294)	121 Uu Ununseptium (294)	122 Og Oganesson (294)
115 Lv Livermorium (293)	116 Ts Tennessine (294)	165 Uuq Ununseptium (294)	166 Uuq Ununseptium (294)	167 Uuq Ununseptium (294)	168 Uuq Ununseptium (294)	122 Og Oganesson (294)	123 Uu Ununseptium (294)
116 Ts Tennessine (294)	117 Uu Ununseptium (294)	167 Uuq Ununseptium (294)	168 Uuq Ununseptium (294)	169 Uuq Ununseptium (294)	170 Uuq Ununseptium (294)	123 Uu Ununseptium (294)	124 Og Oganesson (294)
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118 Og Oganesson (294)	119 Uu Ununseptium (294)	171 Uuq Ununseptium (294)	172 Uuq Ununseptium (294)	173 Uuq Ununseptium (294)	174 Uuq Ununseptium (294)	125 Uu Ununseptium (294)	126 Og Oganesson (294)
119 Uu Ununseptium (294)	120 Og Oganesson (294)	173 Uuq Ununseptium (294)	174 Uuq Ununseptium (294)	175 Uuq Ununseptium (294)	176 Uuq Ununseptium (294)	126 Og Oganesson (294)	127 Uu Ununseptium (294)
120 Og Oganesson (294)	121 Uu Ununseptium (294)	175 Uuq Ununseptium (294)	176 Uuq Ununseptium (294)	177 Uuq Ununseptium (294)	178 Uuq Ununseptium (294)	127 Uu Ununseptium (294)	128 Og Oganesson (294)
121 Uu Ununseptium (294)	122 Og Oganesson (294)	177 Uuq Ununseptium (294)	178 Uuq Ununseptium (294)	179 Uuq Ununseptium (294)	180 Uuq Ununseptium (294)	128 Og Oganesson (294)	129 Uu Ununseptium (294)
122 Og Oganesson (294)	123 Uu Ununseptium (294)	179 Uuq Ununseptium (294)	180 Uuq Ununseptium (294)	181 Uuq Ununseptium (294)	182 Uuq Ununseptium (294)	129 Uu Ununseptium (294)	130 Og Oganesson (294)
123 Uu Ununseptium (294)	124 Og Oganesson (294)	181 Uuq Ununseptium (294)	182 Uuq Ununseptium (294)	183 Uuq Ununseptium (294)	184 Uuq Ununseptium (294)	130 Og Oganesson (294)	131 Uu Ununseptium (294)
124 Og Oganesson (294)	125 Uu Ununseptium (294)	183 Uuq Ununseptium (294)	184 Uuq Ununseptium (294)	185 Uuq Ununseptium (294)	186 Uuq Ununseptium (294)	131 Uu Ununseptium (294)	132 Og Oganesson (294)
125 Uu Ununseptium (294)	126 Og Oganesson (294)	185 Uuq Ununseptium (294)	186 Uuq Ununseptium (294)	187 Uuq Ununseptium (294)	188 Uuq Ununseptium (294)	132 Og Oganesson (294)	133 Uu Ununseptium (294)
126 Og Oganesson (294)	127 Uu Ununseptium (294)	187 Uuq Ununseptium (294)	188 Uuq Ununseptium (294)	189 Uuq Ununseptium (294)	190 Uuq Ununseptium (294)	133 	

Fill in the following table by mentioning the right type of sources of each of the nutrients.

Essential Nutrient	Air	Water	Soil
Boron (B)			
Calcium (Ca)			
Carbon (C)			
Chlorine (Cl)			
Copper (Cu)			
Hydrogen (H)			
Iron (Fe)			
Magnesium (Mg)			
Manganese (Mn)			
Molybdenum (Mo)			
Nickel (Ni)			
Nitrogen (N)			
Oxygen (O)			
Phosphorous (P)			
Potassium (K)			
Sulfur (S)			
Zinc (Zn)			

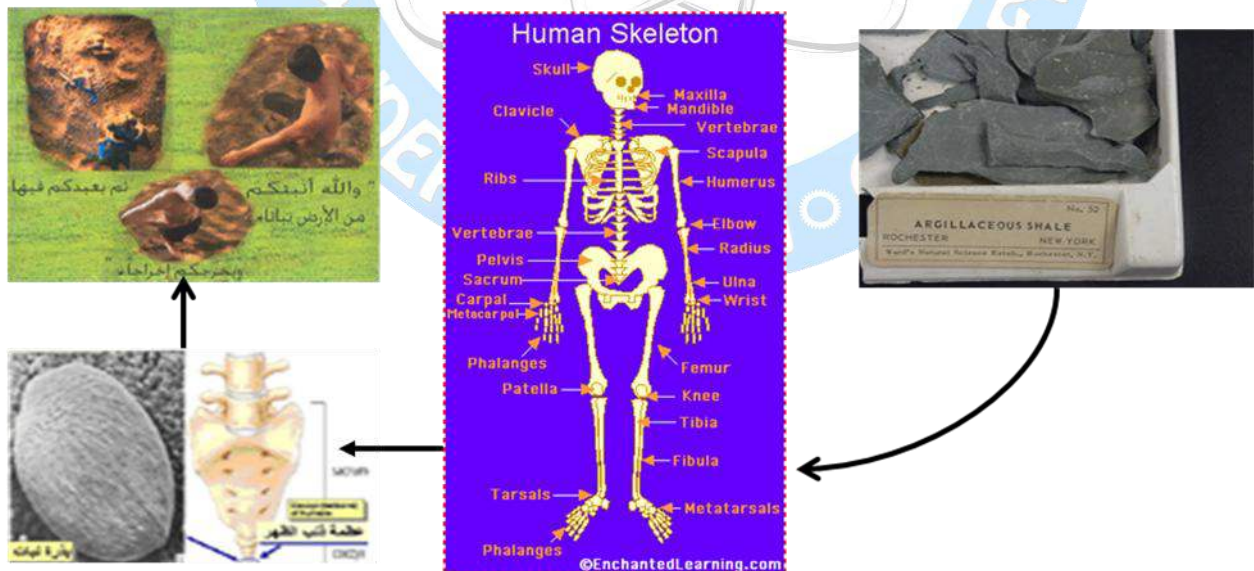
HUMANS: CREATED FROM SOIL

وَلَقَدْ خَلَقْنَا الْإِنْسَانَ مِنْ سُلَالَةٍ مِّنْ طِينٍ ﴿١٢﴾

“We created man from an extract of clay.” (Al-Mu’minun:12)

Prophet (PBUH) said, "Allah has created Adam from a handful from all earth, so the sons of Adam came similar to earth, some of them are red, white, black and in between; evil, good and in between".

HUMANS; A JOURNEY FROM SOIL TO SOIL



RESURRECTION

RESURRECTION IN QURAN

وَالَّذِي نَزَّلَ مِنَ السَّمَاءِ مَاءً بِقَدَرٍ فَأَنْشَرْنَا بِهِ بَلْدَةً مَيْتًا كَذَلِكَ

تُخْرَجُونَ ﴿١١﴾

“Allah (God) Almighty who sends down from the sky water in predetermined quantities to revive a dead land and as such you (humans) will be resurrected.” (Al-Zykhruf: 11)

وَاللَّهُ أَنْبَتَكُمْ مِنَ الْأَرْضِ نَبَاتًا ﴿١٧﴾ ثُمَّ يُعِيدُكُمْ فِيهَا وَيُخْرِجُكُمْ إِخْرَاجًا ﴿١٨﴾

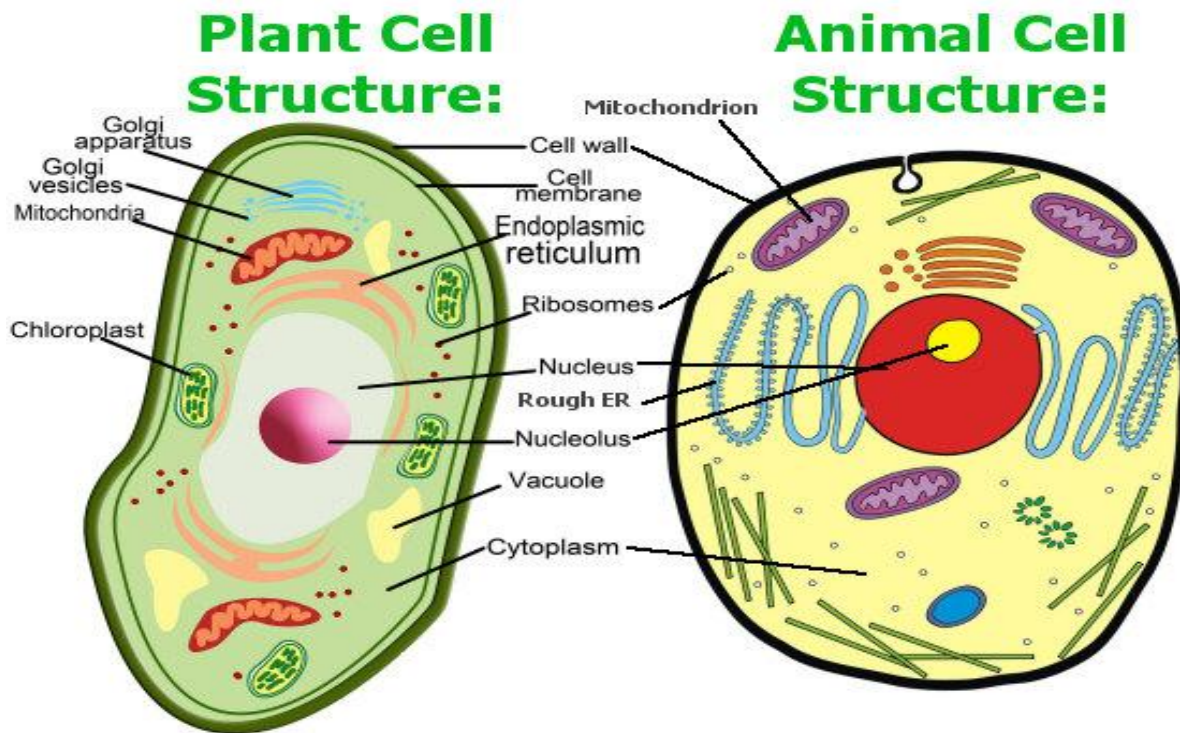
“And Allah (God) Almighty has brought you forth from the earth exactly like plants. Then He will return you to the earth and bring you forth from it on the Day of Judgment.” (Nuh: 17-18)

RESURRECTION IN HADITH

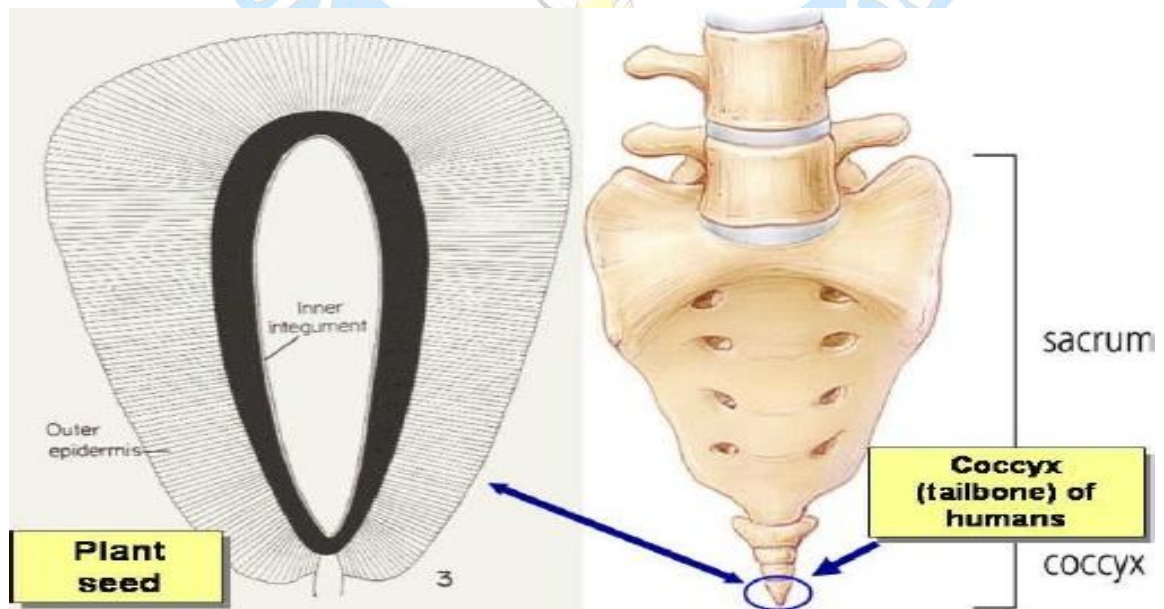
“There is a piece of bone the earth will not devour, from which the human is assembled on the Day of Judgment. The companions of the Prophet of Allah (God) Almighty asked what piece of bone is it? The Prophet replied: It is the tail bone. Then the Prophet of Allah (God) Almighty said that Allah (God) Almighty sends down rain and people will grow exactly like plants grow from the earth”



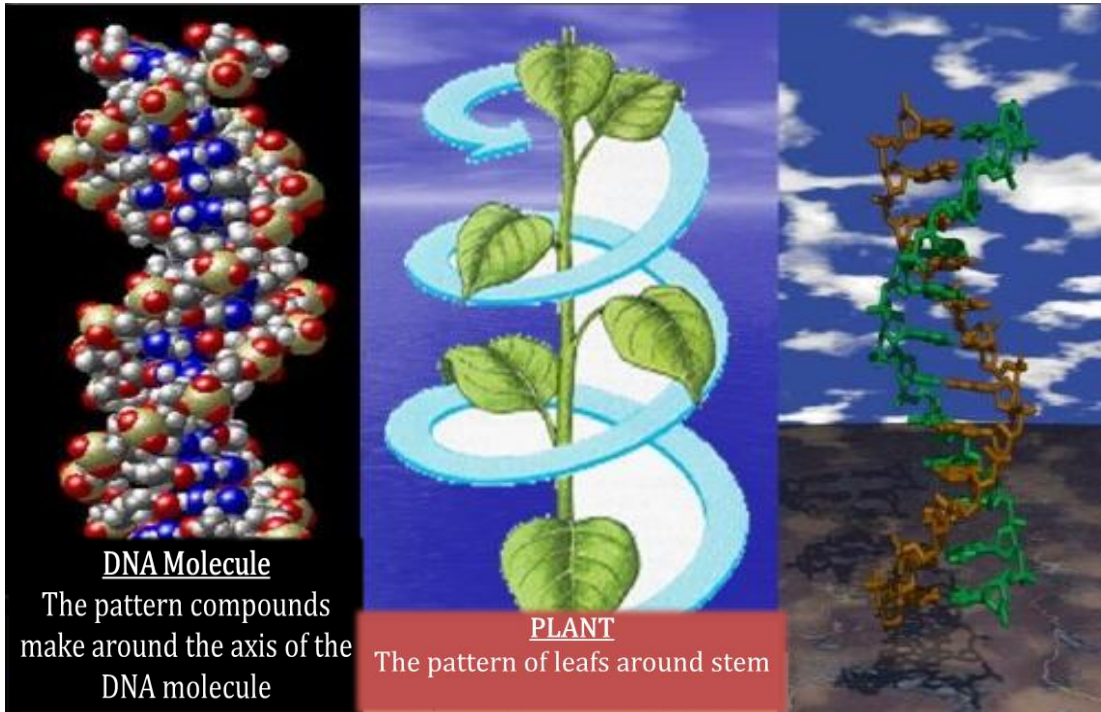
COMPARING PLANTS & HUMANS



SIMILARITIES BETWEEN THE HUMAN TAILBONE & PLANT SEED



SIMILARITY BETWEEN THE PATTERNS OF MOLECULES WITHIN HUMAN DNA & TH LEAFS GROWING ON THE STEM OF THE PLANTS



CAN YOU COMPARE AND CONTRAST HUMANS AND PLANTS?

HUMANS	PLANTS

RESURRECTION: THE PROCESS

وَاللَّهُ الَّذِي أَرْسَلَ الرِّيحَ فَتُثِيرُ سَحَابًا فَسُقْنَهُ إِلَى بَلَدٍ مَيِّتٍ فَأَحْيَيْنَاهُ

الْأَرْضَ بَعْدَ مَوْتِهَا كَذَلِكَ النُّشُورُ ﴿٩﴾

“And Allah (God) Almighty who sends the wind which causes turbulence in the clouds and then Allah (God) Almighty drives the clouds to a dead land and revives the earth after its death utilizing the clouds and as such will be the resurrection.” (Faafir: 9)

STAGES OF RESURRECTION

SENDING OF WINDS

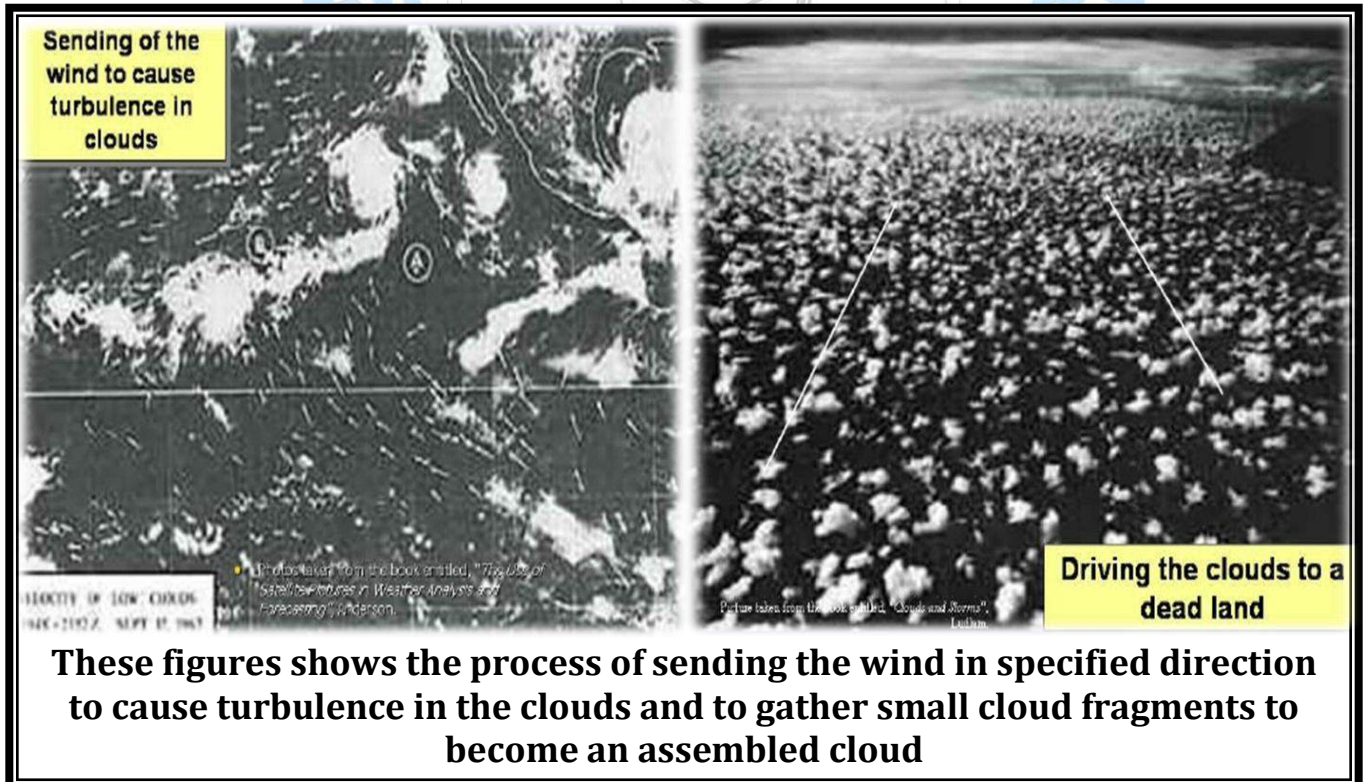
TURBULANCE & CLOUD
ACCUMALATION

REVIVNG DEAD LAND

SENDING OF WINDS & CLOUD ACCUMULATION

أَلَمْ تَرَ أَنَّ اللَّهَ يُرْسِجِي سَحَابًا ثُمَّ يُؤَلِّفُ بَيْنَهُ ثُمَّ يَجْعَلُهُ رُكَامًا فَتَرَى
 الْوَدْقَ يَخْرُجُ مِنْ خِلَالِهِ وَيَنْزِلُ مِنَ السَّمَاءِ مِنْ جِبَالٍ فِيهَا مِنْ بَرَدٍ فَيُصِيبُ
 بِهِ مَن يَشَاءُ وَيَصْرِفُهُ عَن مَّن يَشَاءُ يَكَادُ سَنَا بَرْقُهُ يَذْهَبُ
 بِالْأَبْصَارِ ﴿٤٣﴾

“Do you not see that Allah drives clouds, then He brings them together, then He makes them into a mass, and you see the rain emerge from within it. And He sends down from the sky, mountains [of clouds] within which is hail, and He strikes with it whom He wills and averts it from whom He wills. The flash of its lightning almost takes away the eyesight.” (An-Noor: 43)



REVIVING A DEAD LAND

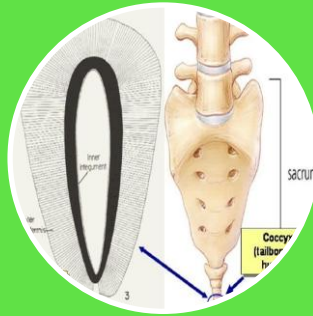


REVIVING A DEAD LAND NEEDS;

1. WATER
2. SOIL
3. ENERGY
4. PLANT SEED (TAILBONE)



WATER is best medium to transport the basic elements needed for creation.

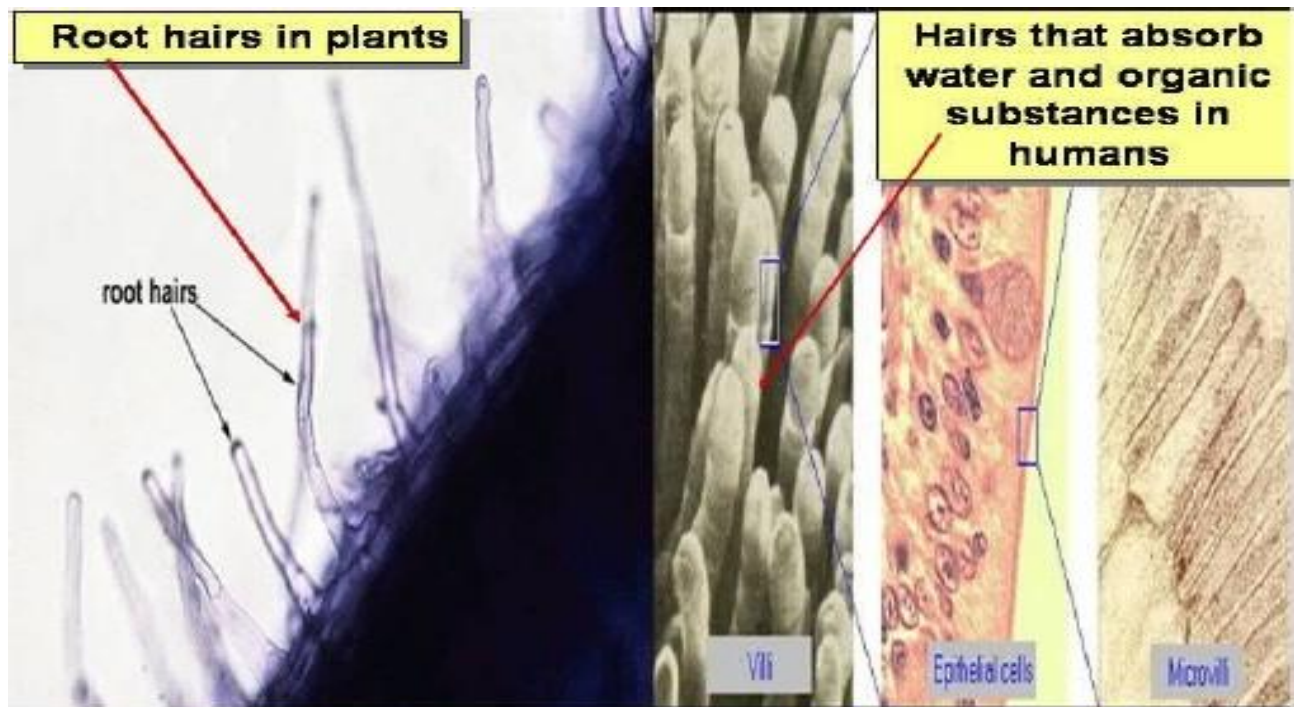


PLANT SEED today & **TAIL BONE OF HUMANS** on the day of judgement is the origin of life.



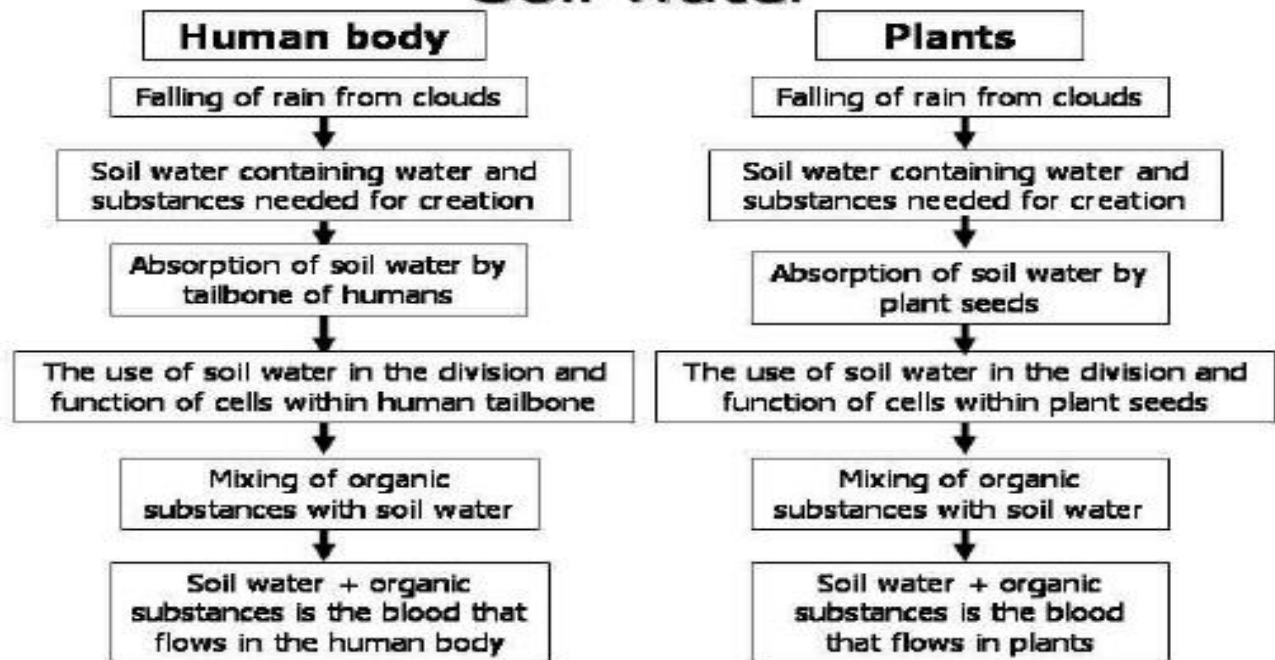
SOIL is the source of all essential nutrients required for life.





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Soil water



The combination of water and atom needed for creation can be termed as soil water. Root hairs on wall of plant seeds absorb soil water same is the case with human body. This figure shows perfect match between hair found in plants and human body.

TAYAMMUM; DRY ABOLUTION

Tayammum is a substitute of *gusal* and *wadu* in situations when there is no water available or the use of water is harmful. It's a symbolic way of getting spiritual and psychological cleanliness from clean soil. It brings one closer to ALLAH and enables him to feel ready for worshipping the ALLAH (S.W.T).



1
With the finger wide spread hit the clean soil with palms.



2
Blow extra dust from hands and wipe the face with palms.



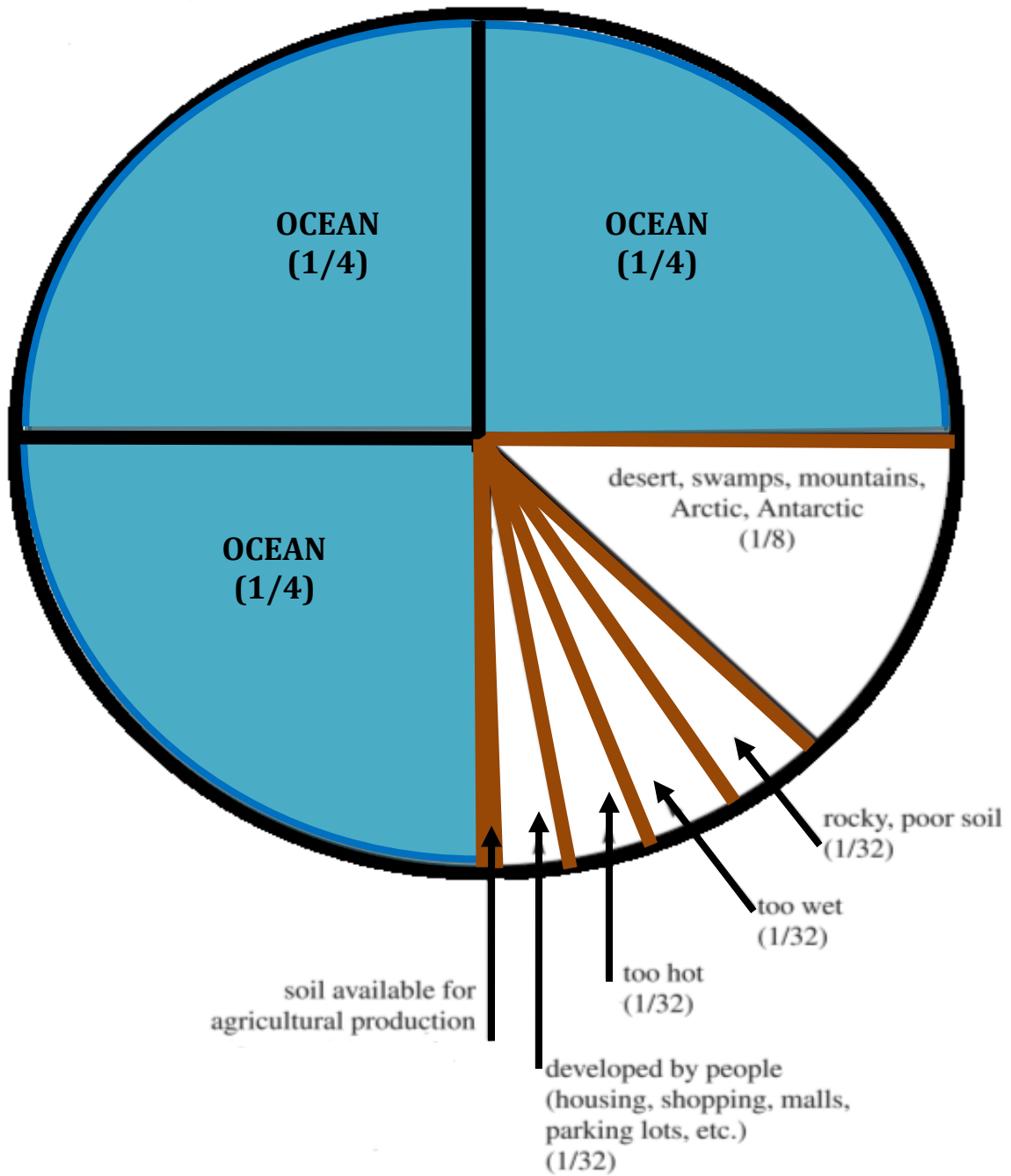
3
Wipe the back of right hand with the left and then the back of left hand with the right hand.

Narrated Said bin 'Abdur Rahman bin Abza: (on the authority of his father who said) 'Ammar said so (the above Statement).

And Shu'ba stroked lightly the earth with his hands and brought them close to his mouth (blew off the dust) and passed them over his face and then the backs of his hands. 'Ammar said, "Ablution is sufficient for a Muslim if water is not available."

"Whenever a person would complain from an ulcer (or canker), or a wound, the Messenger of Allah would put his finger in the soil (on the ground after inserting it in his mouth, then raises it) saying; In the name of Allah, with the soil of our earth has got a moisture with the saliva of some of us, let our sick be cured, with our Lord's permission".

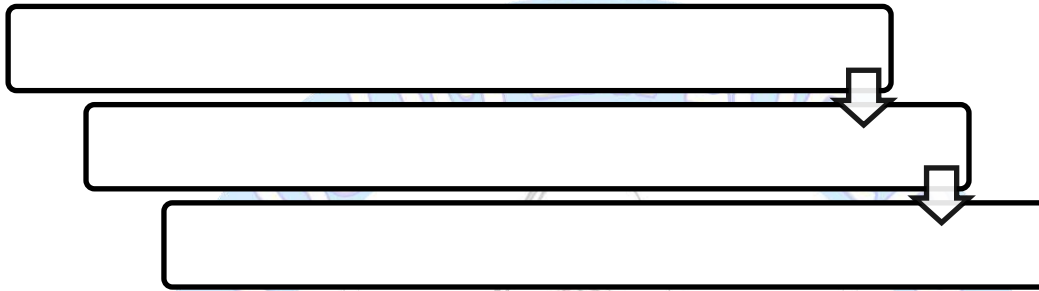
SOIL: THE PRECIOUS ASSET



What does “Resurrection” means?

What is the example that Qur’an gives to explain resurrection?

Write down the three stages?



What is soil water?

What are the requirements of reviving a dead land?

Write down steps of tayammum.

How can you help saving soil?

The purpose of the IYS is to raise awareness worldwide of the importance of soils for food security, agriculture as well as in mitigation of climate change, poverty alleviation, and sustainable development. Muslim Explorers is also playing role in giving awareness to students about soil.

2015
International
Year of Soils



Did you SLEEP on soil last night? Yes you did about one third of planet earth is covered with soil. We build our homes, schools, stores and restaurant on soils. We also use lumber from trees grown in soil and bricks baked from soil to build our homes!



Have you WORN any soil lately? A lot of our clothes have cotton in them and its grown in soil and maybe you have a coat made from wool and wool comes from sheep, and sheep eats grass that grows in soil. Do you have a leather belt, shoes or bag? It comes from the cattle that eat grass.



Have you EATEN any soil today? Cereal, vegetables and Fruits are grown in soil. Plants get nutrients and minerals from soil and we get nutrients to stay healthy from plants. Almost everything we eat is raised either in soil or on soil



Did you play with any soil today? The fields, forests and ground around your home are all comes from soil too. The wildlife living in these ecosystems needs soil just as much as you do!

SOIL IS A GIFT TO US BY THE ALMIGHTY ALLAH! It is the responsibility of each and every being to use the soil wisely to insure the future. The earth's surface used for food production is very little as compared to growing populations. Also a lot of soil is lost due to soil erosion every year. Planting trees can help stop soil erosion.



A PIONEER OF ENVIRONMENTALISM

"There is none amongst the believers who plants a tree, or sows a seed, and then a bird, or a person, or an animal eats thereof, but it is regarded as having given a charitable gift [for which there is great recompense]." [Al-Bukhari, III: 513]

PRINCIPALS FOR USE OF NATURAL RESOURCES

TAWHEED

"To God belongs all that is in the heavens and in the earth, for God encompasses everything. "
(4:126)

KHILAFAT (Stewardship)

"And He is who has made you successors in the land and raised some of you above others by (various) grades, that He might try you by what He has given you." (6:165)

AMANA (Trust)

*" O Children of Adam!
Wear your beautiful apparel at every time and place of prayer; eat and drink, but waste not by excess, for Allah does not love those who waste."
(7:31)*



CONSERVATION OF NATURAL RESOURCES BY PROPHET MUHAMMAD (S.A.W)

- **LAND:** *"Whoever brings dead land to life, that is, cultivates wasteland, for him is a reward therein."*
- **WATER:** *"Do not waste (water), do not use more water than you need it."*

"Rottenness (decay/corruption) has appeared on land and sea because of what the hands of men have earned, that (Allah) may give them a taste of some of their deeds, in order that they may turn back (from evil)." (30:41)