

MARCHÉ AUX PUCES
ARCHÉOLOGIE
FABRICATION

PLAN

4. semaine -
- ↳ production de représentation
collecte de données
TEXTUELLES
IMAGES
QUALITATIVES
QUANTITATIVES
 - ↳ penser dans le cadre d'une
restitution donc chaque élément

REFERENCE (légende +
généalogie
accès)

la question de l'enquête
↳ CARTOGRAPHIER NOS
OBJETS = ENJEUX
ET IMPLICATIONS

(philosophie)
- anatomy of an IA

- JERRY AS IT TOGETHER

- Les Tech Lab

- Material Memory map

- Quand le carton s'écrit
la verre. Bernard Claegs

meaganne

LES ÉTAPES

LE DÉCOR
DES SEANCES

ROBRIQUES
DE SAVOIRS

L'OBJECTIF DE
LA SEMAINE
+
trame

Moyns

ENJEUX

ARCHÉOLOGIE DES PUCES, toute l'histoire de la fabrication se trouve dans le marché aux puces.

SEMAINE 1 (2 semaines)

TERRAIN

marché aux puces
↳ alternative
emmaüs / photographie
de bonjour

LES RELEVÉS

FICHE EMPLOI

EXPERIMENTATIONS
GRAPHIQUES

ASTONANTE

point sur quelques
objets ~~marquages~~
marqués

explorer le marché aux
puces où les objets se
concentrent de manières
négligées, on peut à la
manière d'archéologie
fouilles, relever explorer
le site à travers des outils
graphiques, des empreintes,
des enregistrements de sons,
des photographies
▲ SÉLECTION 3 objets
PAR ÉTUDIANTS
▲ à quoi on reconnaît
manufacture fab.

→ VOIR POST-IT RELEVÉS

NATURE DES
RELEVÉS >>

SEMAINE 2 (2 semaines)

LABO D'EXPERTISE

salle de classe
TOUT AZIMUTS.

APPROCHE SENSIBLE
RECHERCHE D'INDICE

QUESTION DU DESSIN
DANS LA FABRICATION

EXPLOITATION EXCEL

LA CLASSIFICATION

formuler les hypothèses
de fabrication à
partir de la multiplicité
des représentations
+ description des objets
anatomie
→ recensement des
données récupérées

DOSSIER
□ □ □ □

→ dans un tableau
INDICES DE L'OBJET

→ autre question du dessin
dans la réflexion de
fabrication

→ EXCEL À REBOURS

→ TRIER PAR DOSSIER
→ SAISI D'INFORMATION
→ CRITÈRES de classement

DIFFÉRENTES VIETNESSES - MANUFACTURE // 7/11/2013

SEMAINE 3

CENTRE D'INFORMATION

salle de classe
CDI

INTERVENTION SUR LES MANIÈRES
D'ÉTABLIR UN ÉTAT DE L'ART

RECHERCHE DE SAVOIRS
AUTONOME

apport.
LE CHANT DU
STYRÈNE

début des procédés de
fabrications
collecte des images, les liens
les sites (lieux géographiques d'intérêt)
les séquences de fab...
élaborer une enquête.
Utiliser le tableau de données
et le compléter par des objets
connexes.

→ internet // centre de
documentation scans et
références (sites liens).

→ CLASSIFICATION
TABLEAU CONSTRUCTION
D'UNE BANQUE DE DONNÉES
→ EXCEL.

SEMAINE 4

RESTITUTION D'ENQUÊTE

salle de classe
panor de restitution (mur)

CONSTRUCTION COLLECTIVE
groupe de 4 personnes

RETOUR COLLECTIF

restitution de l'enquête mise en
réseaux des données -
IMPRESSION DES RPZ NUMÉRIQUE
ASSEMBLAGE À LA MAIN PHYSIQUE
DE LEUR CARTOGRAPHIE.

→ impression, documents, fil de
laines
→ exploiter un espace pour restituer

SELECTIONNER

3 OBJETS → intrigants
inédits
mystérieux
digne d'enquête

MULTIPLIER LES RELEVÉS

au moins de 4 familles
différentes

RÉLEVÉS.

TEXTUELS = témoignages,
description, entretiens, notes
(ANALOGIQUES = audio - sonore)

GRAPHIQUES = CROQUIS, SCHÉMA,
SCÈNES, RENOUS, nature

NUMÉRIQUE = VIDEO (mamp)
PHOTO

CHARGÉES = pâte à modeler,
SOUPLE feuille fine ...

SUR SITE

- SE SAISIR DE SES MOYENS
MATÉRIELS ET PROPOSÉS
AFIN DE COLLECTER
LE MAXIMUM D'INFORMATION

- MANIPULER SES OUTILS
AFIN DE RENDRE COMPTE
DE DIFFÉRENTES INFORMATIONS

RELEVER DES INDICES

EXPERTS
3

MULTIPLIER LES REPRÉSENTA-
TIONS (FICTIONS // HYPOTHÈSES)

DESCRIPTION / IDENTIFICATION

recherche par analogie...
recherche par matériaux
recherche par régions.

LE DESSIN DANS LA FABRICATION

- SCHÉMA D'INTENTION
- ÉCLATÉ /
- GÉOMÉTRAL
- SÉQUENCE
- PROSPECTION

EXPERTISER DES OBJETS

- RELEVER INDICES ET TRACES DE
FABRICATION

- IDENTIFICATION ET DESCRIPTION

- TRIER ET MOYENS DE COLLECTE
DE RELEVÉS (DOSSIER TABLEUR)

- EXPLOITER DES UNIVERS
D'OBJETS CONNEXES

- FORMULER DES HYPOTHÈSES
DE FABRICATION

(par le dessin)

COLLECTER MAXIMUM D'INFORMA-
TION ~~CONCERNANT~~ DEPUIS L'OBJET ET
LES RELEVÉS.

figure synthétique	1	2	3	:
DESCRIPTION				
UNivers				
matériaux	1: 2: 3:	1: 2:	1: 2:	:
ORIGINE				
PROCÈS DE FABRICATION				
RESOURCES				
PARTIE D'INTERÊT				

VALIDER OU INVALIDER HYPOTHÈSES DE FABRICATION

par les recherches
collectées et référencer
chaque recherche et images

DETAILLER LES PROCÈS
DE FABRICATION

ENVU D'EN RESTITUER
UNE PRÉSENTATION

COMPLÉTER ET CLASSER LE
TABLEAU

LÉGENDES

ÉTATS DE L'ART

Nom, titre, source ...

LA RECHERCHE DE PROCHE EN PROCHE

objets connexes, détail
des univers

FRAY FOAM HOMME
LE CHANT DU STYRÈNE.

DOCUMENTATION

- DOCUMENTER DES HYPOTHÈSES

- DOCUMENTER + MÉTHODE
DE RECHERCHE

- COLLECTER + LÉGER +
RÉFÉRENCER SON PARCOURS
DE RECHERCHE

- AMPLIFIER L'ENQUÊTE

- PRODUIRE DES CONNAISSANCES

- INITIER UNE BASE DE

RESTITUTION DE L'ENQUÊTE

→ quelle est l'histoire
de ces objets??

COLLECTIF

→ TABLEUR

→ DOSSIER

→ ENQUÊTE MURALE COLLECTIVE

POURQUOI ENQUÊTE IMPRIMÉE

papier et fil de laine

CARTOGRAPHIE

→ SITUER DES CONNAISSANCES

RESTITUTION D'ENQUÊTE

- CONSTRUCTION COLLECTIVE
DE LA CARTE

- TRANSMISSION ET PARTAGE
DES INFORMATIONS.

- HIERARCHISER ET SITUER
LES INFORMATIONS.

Archéologie Suite

	SEMAINE 1 BIS	SEMAINE 2 BIS	SEMAINE 3 BIS	SEMAINE 4 BIS
LES ETAPES	TERRAIN - SOUVENIR		BIBLIOTHÈQUE - SYSTÈME	
LE DECOR des séances	salle info BLENDER		HTML	
RUBRIQUES DE SAVOIRS	<div>BLENDER</div> <div>SANS CE QUI A ÉTÉ</div>		<div>Cheminé par blocs.</div>	
L'OBJECTIF DE LA SEMAINE + TRAME	<p>→ comprendre que le acquis n'est pas subchordable à la modélisation et inversement</p> <p>→ à partir de acquis et relevés graphiques reproduire l'objet et le souvenir</p>	<p>→ adjonction de détails et indices de fabrication.</p>	<p>→ reposer les éléments par Bloc et ligne de code.</p> <p>→ entamer la construction d'une base référencée de données → PROXIMITA.</p>	
maquis	<p>→ "Texte" objet à contour flous.</p> <p>→ Blender</p>			
ENJEUX				

LEÇON MARCHÉ AUX PUCES

initier la fabrication d'une base de donnée.

Les TITRES = ARCHÉO - FABRICATION			Purénique ? =		les aspirations
Cours	Techno - matériaux				
séances :	1	2	3	4	5
mode et lieu : où ?	terrain marché aux puces	laboratoire d'expertises	COLLECTE appropriation et matériaux fabrication	EXPOSITION	role d'inspiration analysis of an A.I Kate Crawford
Trame de séance (narration)	le marché aux puces = agglomérat, foyer vivants d'objets et rencontres idéelles. Pourquoi que tout l'histoire de la fabrication s'y trouve.	Shal de Styria - à partir d'un maximum de représentation et introduction CLASSIFICATION	SELECTIONNER HYPOTHÈSE de FABRICATION ouverture des univers	REGROUPER LES SAVOIRS COLLECTIFS ET SENSIBLES	JERRY - DO IT TOGETHER ordi. Low Tech lab - Shal de Styria - Quel G coulon se dév la vane
Contenus Apports et limites	les armoiries de pices prendre en photo ou croquis manipuler et poser des questions SELECTIONNER 3 objets	Collecter un maximum d'informations concernant leur processus de fabrication, lieu de transport marques et indices Recherche Centrale d'archives Contenu difficile type de données	appartir de leur tableau à compléter avec des objets concrets et ouvrir des univers relatifs à partir de leur tableau de travail à partir de leur tableau de travail	multiplication support et communication des savoirs sensibles. Mettre en relation au sein d'une installation des objets et leurs représentations	logos devant exister sans format monnaie des bouts de Ficelles
MOYENS	outils de collect CROQUIS mesures	ECLATÉ CROQUIS GEOMETRIQUES TABLEAU		Geométrie CROQUIS ficelle impressions	
Enjeux Design :					
LIVRABLES.			TABLEAU DE DONNÉES - initier la fabrication d'une base de donnée	EXPOSITION - initier la fabrication d'une base de donnée	
ENJEUX Compétences		Exporter un objet, les moyens mis en jeu et moyens de hypothèses de conception - manipuler les représentations d'un objet afin de son			

Leçon - MARCHÉ AUX PUCES - ARCHEOLOGIE - FABRICATION

Titre : ARCHEO - PUCCS / ARCHEO - FABRICATION	ARCHEO	en partant des ^{vestiges} (ruines) de la fabrication et du marché au puces pour retracer la généalogie de nos objets
1. LE PROGRAMME	SEMAINE 1	11
	SEMAINE 2	11

NOTIONS

Savoirs sensibles

COLLECTE

CLASSIFICATION DE DONNEES

LE PROGRAMME	SEMAINE 1	SEMAINE 2	SEMAINE 3	SEMAINE 4
LE NOM DU LIEU	TERRAIN	LABORATOIRE D'EXPERTISE	CENTRE D'INFORMATION	EXPOSITION
LE DÉCOR DES SÉANCES	marché aux puces (cas échéant emmari, vide grenier...) OUTILS DE COLLECTE	en salle à l'école. OUTILS GRAPHIQUES Collecte de données expertise des objets sélectionnés - identification des indices de fabrication - commencer à compléter explorer les données former des hypothèses de fabrication - collecter et commencer à hiérarchiser les données	en salle + centre de documentation. TABLEAU - REPERTOIRE	MUR D'AFFICHAGE, SALLE
la microdenrée				
ENSEX				
Moyens	nature des rels, → réseau simple → en pratique → pâte à modeler	→ croquis - schéma d'intention → OUTILS → en tableau		



EN PARALLELE

1000

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SEMAINE 2 BIS

reproduction à partir de
souvenir et des objets
de 'une matérialisation
des objets

Logiciel Blender

SEMAINE 2 BIS

reproduction à partir de
souverain et des corps
de 'un modelisation
des objets

Logiciel Blender

apport théorique

l'objet à contour flu.

SEMAINE 2 BIS

reproduction à partir de
souvenir et des objets
de 'un matérialisme

des objets

Logiciel Blender

appart Afrique

à objet à contour flou.

François BRUMENT

is no you must live
la croquis à la 3D

SEMAINE 2 BIS

reproduction à partir de
souvenir et des objets
de 'une modernisation
des objets

Logael Blenda

apport Afrique
à objet à color Jean.
FRANÇOIS BRUMENT
il ne parait pas
à acquis à la 30
et inversement

SEMAINE 3 BIS

adoption des débats
et index de
fabrication

↳ contribution d'ind

~~Cartographie~~
bibliothèque
soa in autre aut
des index / pieces

SEMAINE 3 BIS

ajout des détails
et index de
fabrication

↳ contribution d'int

~~Cartographie numérique~~
Bibliothèque

soit un autre outil
des index / pièces
à commander.

SEMAINE 3 BIS

adoption des débats
et index de
fabrication

↳ institution d'int

~~Carte de la région~~
SAR en outre ont
des indices / pièces
à considérer.

PRISES DE VUE SUR

BLONDER

utilisation sur

SEMAINE 3 BIS

adoption des détails
et indices de
fabrication

↳ contribution d'int

Cartographie numérique
globale théorique
soit un autre outil
des indices / pièces
à connaître.

PRISES DE VUE SUR
BLONDER

militation sur

expose HTML et à
la feuille de style

SEMAINE 3 BIS

ajout des détails et index de fabrication

↳ contribution d'art

~~Cette œuvre numérique~~
bibliothèque

soit un autre outil des indices / pièces à considérer.

PRISES DE VUE SUR

BLANDER

militation au

code HTML est à la suite de style CSS afin de faire des bloc de données

et de leur utilisation.

pendu

SEMAINE 3 BIS

ajout des détails
et index de
fabrication

la distribution d'int

~~Cette épreuve numérique~~
soit un autre outil
des indices / pièces
à considérer.

PRISES DE VUE SUR
BLUNDER

multiplication sur
image HTML qui a
la feuille de style
CSS afin de faire
des bloc de données

et de leur assemblage.

~~17~~ PHOTO
PARTIES
ETC

SEMAINE 3 BIS

adoption des débats
et index de
fabrication
la contribution d'int

Cartographie numérique
Bibliothèque
soit un autre outil
des indices / pièces
à considérer.

PRISES DE VUE SUR
BLINDER

militation au
code HTML et à
la feuille de style
CSS afin de faire
des blocs de données

et de leur utilisation.

1. partie
LA PHOTO
DE REMPLISSAGE
ET LA PARTIE
DES DROITS

SEMAINE 3 BIS

adoption des débats
et indices de
fabrication

la contribution d'int

~~Cartographie numérique~~
bibliothèque
soit un autre outil
des indices / pièces
à considérer.

PRISES DE VUE SUR
BLINDER

militaire sur
code HTML qui a
la feuille de style
CSS afin de faire
des plans de données

et de leur utilisation.

~~la photo~~
LA PHOTO
S'agit de
LES DE LA PHOTO
de la photo

SEMAINE 3 BIS

adoption des débats
et indices de
fabrication

la certification doit
être basée sur une
évaluation objective
des indicateurs / pièces
à considérer.

PRISES DE VUE SUR
BLINDER

évaluation sur
l'usage HTML afin d'
la qualité de style
CSS afin de faire
des choix de données

et de leur utilisation.

la parole
pour la PHOTO
sur LA ROUTE
5 H ETÉ

AS DE LA NÉCESSITÉ
DES IMAGES DANS LA

Références

en document
contenu

SEMAINE 3 BIS

adoption des débats
et indices de
fabrication

la contribution d'int

Cartographie numérique

soit un autre outil
des indices / pièces
à considérer.

PRISES DE VUE SUR
BLINDER

multiplication sur
technologie HTML afin d'
la feuille de style
CSS afin de faire
des plans de données

et de leur utilisation.

la parole
pour la PHOTO
PARTIR S'ETRE

de la photo des
images dans la

de la photo

de la photo

[illegible]

SEMAINE 2 BIS

reproduction à partir de
souvenir et des objets
de un matérialisme
des objets

Logiciel Blender

apport théorique

robot à contour fluide.

François BRUMENT

↳ ne pas oublier
la coupe à la 50
et l'investissement

Comprendre le rôle
général du système
pedagogique

TOUT SAVOIR
TEA TE

PARTICULIER

A quoi ça sert

Histoire
copie d'
séquence pédagogique
Méthode de
évaluation des
compétences
du corps
et du cerveau

LES LIVRABLES

Hautballage

LES LIVRABLES

Hand-drawn diagram showing a project structure. A central box is connected to several other boxes, some of which are further connected to a bottom row of boxes. The bottom row of boxes is labeled "LES LIVRABLES".

LES LIVRABLES

Diagram illustrating a network structure with a central node (shaded with diagonal lines) connected to two clusters of nodes. The left cluster has a root node connected to three child nodes. The right cluster has a root node connected to two child nodes. A line connects the two root nodes.

LES LIVRABLES

Hand-drawn diagram showing a project structure with boxes and arrows. A central box is shaded with diagonal lines. Arrows point from this central box to several other boxes, which are further connected to more boxes, forming a hierarchical or network structure.

LES LIVRABLES

```

graph TD
    A[ ] --- B[ ]
    A --- C[ ]
    A --- D[ ]
    A --- E[ ]
    B --- F[ ]
    B --- G[ ]
    C --- H[ ]
    D --- I[ ]
    E --- J[ ]
    F --- K[ ]
    G --- L[ ]
    H --- M[ ]
    I --- N[ ]
    J --- O[ ]
    K --- P[ ]
    L --- Q[ ]
    M --- R[ ]
    N --- S[ ]
    O --- T[ ]
    P --- U[ ]
    Q --- V[ ]
    R --- W[ ]
    S --- X[ ]
    T --- Y[ ]
    U --- Z[ ]
    V --- AA[ ]
    W --- AB[ ]
    X --- AC[ ]
    Y --- AD[ ]
    Z --- AE[ ]
    AA --- AF[ ]
    AB --- AG[ ]
    AC --- AH[ ]
    AD --- AI[ ]
    AE --- AJ[ ]
    AF --- AK[ ]
    AG --- AL[ ]
    AH --- AM[ ]
    AI --- AN[ ]
    AJ --- AO[ ]
    AK --- AP[ ]
    AL --- AQ[ ]
    AM --- AR[ ]
    AN --- AS[ ]
    AO --- AT[ ]
    AP --- AU[ ]
    AQ --- AV[ ]
    AR --- AW[ ]
    AS --- AX[ ]
    AT --- AY[ ]
    AU --- AZ[ ]
    AV --- BA[ ]
    AW --- BB[ ]
    AX --- BC[ ]
    AY --- BD[ ]
    AZ --- BE[ ]
    BA --- BF[ ]
    BB --- BG[ ]
    BC --- BH[ ]
    BD --- BI[ ]
    BE --- BJ[ ]
    BF --- BK[ ]
    BG --- BL[ ]
    BH --- BM[ ]
    BI --- BN[ ]
    BJ --- BO[ ]
    BK --- BP[ ]
    BL --- BQ[ ]
    BM --- BR[ ]
    BN --- BS[ ]
    BO --- BT[ ]
    BP --- BU[ ]
    BQ --- BV[ ]
    BR --- BW[ ]
    BS --- BX[ ]
    BT --- BY[ ]
    BU --- BZ[ ]
    BV --- CA[ ]
    BW --- CB[ ]
    BX --- CC[ ]
    BY --- CD[ ]
    BZ --- CE[ ]
    CA --- CF[ ]
    CB --- CG[ ]
    CC --- CH[ ]
    CD --- CI[ ]
    CE --- CJ[ ]
    CF --- CK[ ]
    CG --- CL[ ]
    CH --- CM[ ]
    CI --- CN[ ]
    CJ --- CO[ ]
    CK --- CP[ ]
    CL --- CQ[ ]
    CM --- CR[ ]
    CN --- CS[ ]
    CO --- CT[ ]
    CP --- CU[ ]
    CQ --- CV[ ]
    CR --- CW[ ]
    CS --- CX[ ]
    CT --- CY[ ]
    CU --- CZ[ ]
    CV --- DA[ ]
    CW --- DB[ ]
    CX --- DC[ ]
    CY --- DD[ ]
    CZ --- DE[ ]
    DA --- DF[ ]
    DB --- DG[ ]
    DC --- DH[ ]
    DD --- DI[ ]
    DE --- DJ[ ]
    DF --- DK[ ]
    DG --- DL[ ]
    DH --- DM[ ]
    DI --- DN[ ]
    DJ --- DO[ ]
    DK --- DP[ ]
    DL --- DQ[ ]
    DM --- DR[ ]
    DN --- DS[ ]
    DO --- DT[ ]
    DP --- DU[ ]
    DQ --- DV[ ]
    DR --- DW[ ]
    DS --- DX[ ]
    DT --- DY[ ]
    DU --- DZ[ ]
    DV --- EA[ ]
    DW --- EB[ ]
    DX --- EC[ ]
    DY --- ED[ ]
    DZ --- EE[ ]
    EA --- EF[ ]
    EB --- EG[ ]
    EC --- EH[ ]
    ED --- EI[ ]
    EE --- EJ[ ]
    EF --- EK[ ]
    EG --- EL[ ]
    EH --- EM[ ]
    EI --- EN[ ]
    EJ --- EO[ ]
    EK --- EP[ ]
    EL --- EQ[ ]
    EM --- ER[ ]
    EN --- ES[ ]
    EO --- ET[ ]
    EP --- EU[ ]
    EQ --- EV[ ]
    ER --- EW[ ]
    ES --- EX[ ]
    ET --- EY[ ]
    EU --- EZ[ ]
    EV --- FA[ ]
    EW --- FB[ ]
    EX --- FC[ ]
    EY --- FD[ ]
    EZ --- FE[ ]
    FA --- FF[ ]
    FB --- FG[ ]
    FC --- FH[ ]
    FD --- FI[ ]
    FE --- FJ[ ]
    FF --- FK[ ]
    FG --- FL[ ]
    FH --- FM[ ]
    FI --- FN[ ]
    FJ --- FO[ ]
    FK --- FP[ ]
    FL --- FQ[ ]
    FM --- FR[ ]
    FN --- FS[ ]
    FO --- FT[ ]
    FP --- FU[ ]
    FQ --- FV[ ]
    FR --- FW[ ]
    FS --- FX[ ]
    FT --- FY[ ]
    FU --- FZ[ ]
    FV --- GA[ ]
    FW --- GB[ ]
    FX --- GC[ ]
    FY --- GD[ ]
    FZ --- GE[ ]
    GA --- GF[ ]
    GB --- GG[ ]
    GC --- GH[ ]
    GD --- GI[ ]
    GE --- GJ[ ]
    GF --- GK[ ]
    GG --- GL[ ]
    GH --- GM[ ]
    GI --- GN[ ]
    GJ --- GO[ ]
    GK --- GP[ ]
    GL --- GQ[ ]
    GM --- GR[ ]
    GN --- GS[ ]
    GO --- GT[ ]
    GP --- GU[ ]
    GQ --- GV[ ]
    GR --- GW[ ]
    GS --- GX[ ]
    GT --- GY[ ]
    GU --- GZ[ ]
    GV --- HA[ ]
    GW --- HB[ ]
    GX --- HC[ ]
    GY --- HD[ ]
    GZ --- HE[ ]
    HA --- HF[ ]
    HB --- HG[ ]
    HC --- HH[ ]
    HD --- HI[ ]
    HE --- HJ[ ]
    HF --- HK[ ]
    HG --- HL[ ]
    HH --- HM[ ]
    HI --- HN[ ]
    HJ --- HO[ ]
    HK --- HP[ ]
    HL --- HQ[ ]
    HM --- HR[ ]
    HN --- HS[ ]
    HO --- HT[ ]
    HP --- HU[ ]
    HQ --- HV[ ]
    HR --- HW[ ]
    HS --- HX[ ]
    HT --- HY[ ]
    HU --- HZ[ ]
    HV --- IA[ ]
    HW --- IB[ ]
    HX --- IC[ ]
    HY --- ID[ ]
    HZ --- IE[ ]
    IA --- IF[ ]
    IB --- IG[ ]
    IC --- IH[ ]
    ID --- II[ ]
    IE --- IJ[ ]
    IF --- IK[ ]
    IG --- IL[ ]
    IH --- IM[ ]
    II --- IN[ ]
    IJ --- IO[ ]
    IK --- IP[ ]
    IL --- IQ[ ]
    IM --- IR[ ]
    IN --- IS[ ]
    IO --- IT[ ]
    IP --- IU[ ]
    IQ --- IV[ ]
    IR --- IW[ ]
    IS --- IX[ ]
    IT --- IY[ ]
    IU --- IZ[ ]
    IV --- JA[ ]
    IW --- JB[ ]
    IX --- JC[ ]
    IY --- JD[ ]
    IZ --- JE[ ]
    JA --- JF[ ]
    JB --- JG[ ]
    JC --- JH[ ]
    JD --- JI[ ]
    JE --- JJ[ ]
    JF --- JK[ ]
    JG --- JL[ ]
    JH --- JM[ ]
    JI --- JN[ ]
    JJ --- JO[ ]
    JK --- JP[ ]
    JL --- JQ[ ]
    JM --- JR[ ]
    JN --- JS[ ]
    JO --- JT[ ]
    JP --- JU[ ]
    JQ --- JV[ ]
    JR --- JW[ ]
    JS --- JX[ ]
    JT --- JY[ ]
    JU --- JZ[ ]
    JV --- KA[ ]
    JW --- KB[ ]
    JX --- KC[ ]
    JY --- KD[ ]
    JZ --- KE[ ]
    KA --- KF[ ]
    KB --- KG[ ]
    KC --- KH[ ]
    KD --- KI[ ]
    KE --- KJ[ ]
    KF --- KK[ ]
    KG --- KL[ ]
    KH --- KM[ ]
    KI --- KN[ ]
    KJ --- KO[ ]
    KK --- KP[ ]
    KL --- KQ[ ]
    KM --- KR[ ]
    KN --- KS[ ]
    KO --- KT[ ]
    KP --- KU[ ]
    KQ --- KV[ ]
    KR --- KW[ ]
    KS --- KX[ ]
    KT --- KY[ ]
    KU --- KZ[ ]
    KV --- LA[ ]
    KW --- LB[ ]
    KX --- LC[ ]
    KY --- LD[ ]
    KZ --- LE[ ]
    LA --- LF[ ]
    LB --- LG[ ]
    LC --- LH[ ]
    LD --- LI[ ]
    LE --- LJ[ ]
    LF --- LK[ ]
    LG --- LL[ ]
    LH --- LM[ ]
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    LK --- LP[ ]
    LL --- LQ[ ]
    LM --- LR[ ]
    LN --- LS[ ]
    LO --- LT[ ]
    LP --- LU[ ]
    LQ --- LV[ ]
    LR --- LW[ ]
    LS --- LX[ ]
    LT --- LY[ ]
    LU --- LZ[ ]
    LV --- MA[ ]
    LW --- MB[ ]
    LX --- MC[ ]
    LY --- MD[ ]
    LZ --- ME[ ]
    MA --- MF[ ]
    MB --- MG[ ]
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    NJ --- OP[ ]
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    NL --- OR[ ]
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    OQ --- OV[ ]
    OR --- OW[ ]
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    OT --- OY[ ]
    OU --- OZ[ ]
    OV --- PA[ ]
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    PE --- PJ[ ]
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    QR --- QW[ ]
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    QT --- QY[ ]
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    RT --- RY[ ]
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    TS --- TX[ ]
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    TX --- UC[ ]
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    TZ --- UE[ ]
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    UB --- UG[ ]
    UC --- UH[ ]
    UD --- UI[ ]
    UE --- UJ[ ]
    UF --- UK[ ]
    UG --- UL[ ]
    UH --- UM[ ]
    UI --- UN[ ]
    UJ --- UO[ ]
    UK --- UP[ ]
    UL --- UQ[ ]
    UM --- UR[ ]
    UN --- US[ ]
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    UP --- UY[ ]
    UQ --- UV[ ]
    UR --- UW[ ]
    US --- UX[ ]
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    UX --- VC[ ]
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    VD --- VI[ ]
    VE --- VJ[ ]
    VF --- VK[ ]
    VG --- VL[ ]
    VH --- VM[ ]
    VI --- VN[
```

LES LIVRABLES

Mathématiques
plus petit
→

→ remplacer la doc exemple
→ gros titre + tot

ditu comme ça sans
publique

RUBRIQUE par le

type d'ouvrage

MENU

plus particulièrement

[illegible]

LES LIVRABLES

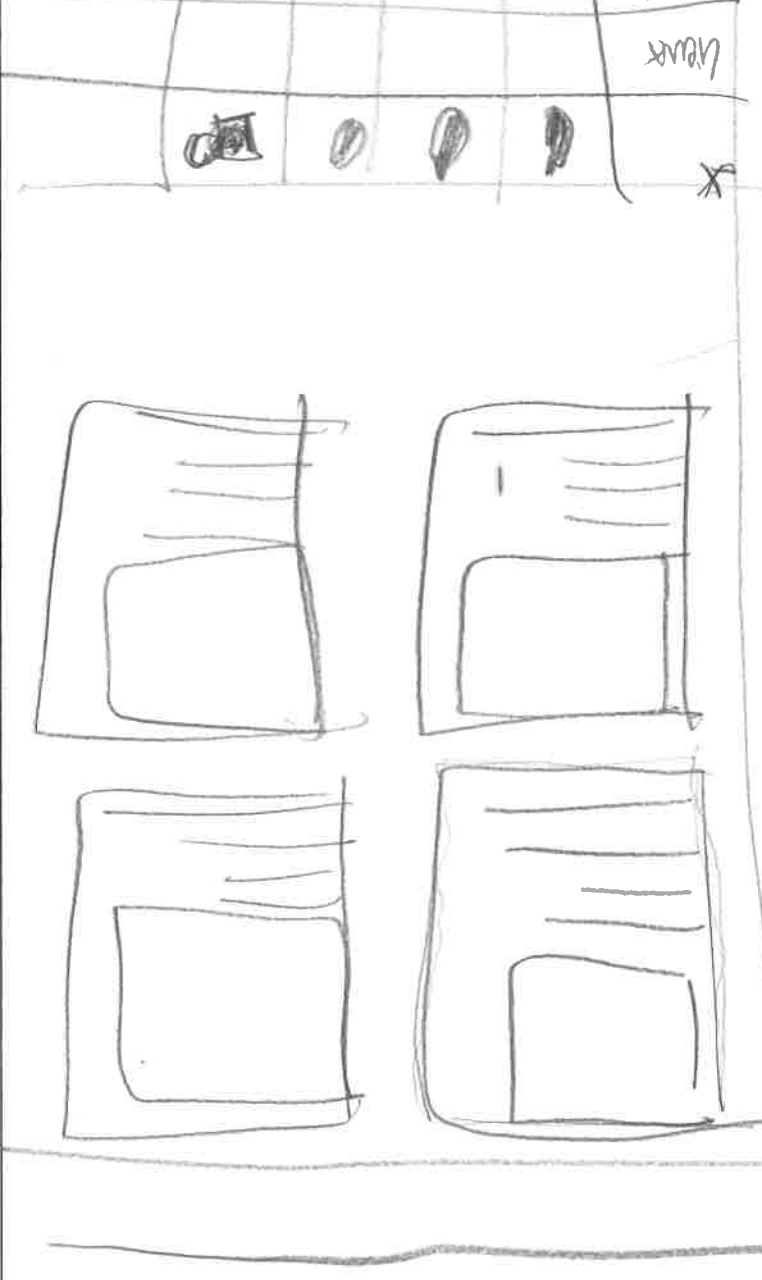
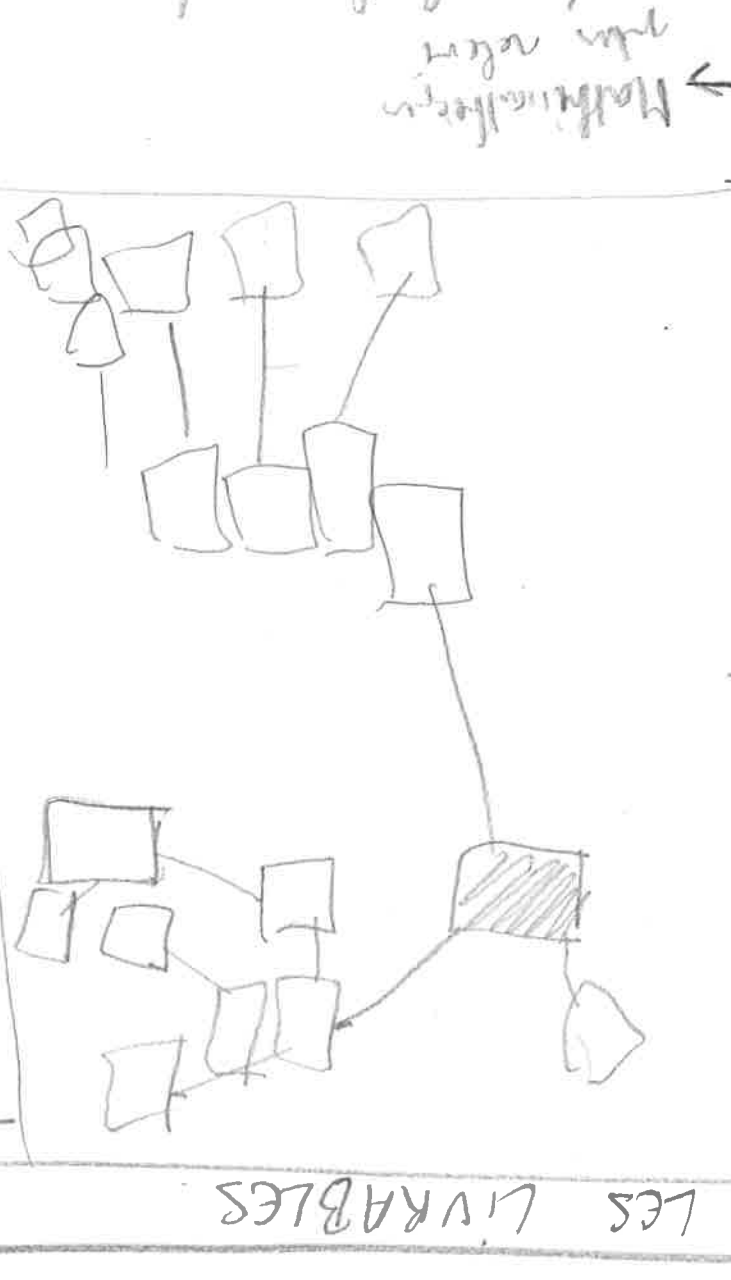
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graph TD
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    A --- C[ ]
    A --- D[ ]
    B --- E[ ]
    B --- F[ ]
    C --- G[ ]
    D --- H[ ]
    E --- I[ ]
    F --- J[ ]
    G --- K[ ]
    H --- L[ ]
    I --- M[ ]
    J --- N[ ]
    K --- O[ ]
    L --- P[ ]
    M --- Q[ ]
    N --- R[ ]
    O --- S[ ]
    P --- T[ ]
    Q --- U[ ]
    R --- V[ ]
    S --- W[ ]
    T --- X[ ]
    U --- Y[ ]
    V --- Z[ ]
    W --- AA[ ]
    X --- AB[ ]
    Y --- AC[ ]
    Z --- AD[ ]
    AA --- AE[ ]
    AB --- AF[ ]
    AC --- AG[ ]
    AD --- AH[ ]
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    AF --- AJ[ ]
    AG --- AK[ ]
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    AI --- AM[ ]
    AJ --- AN[ ]
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    AL --- AP[ ]
    AM --- AQ[ ]
    AN --- AR[ ]
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    AU --- AY[ ]
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    DV --- DZ[ ]
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    DZ --- ED[ ]
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    EB --- EF[ ]
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    EJ --- EN[ ]
    EK --- EO[ ]
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    EO --- ES[ ]
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    GU --- GY[ ]
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    OO --- PH[ ]
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    OR --- PK[ ]
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LES LIVRABLES

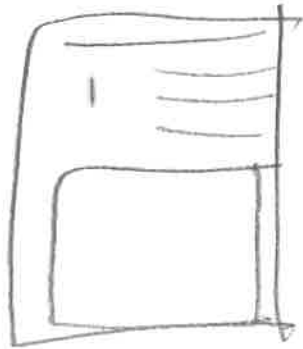
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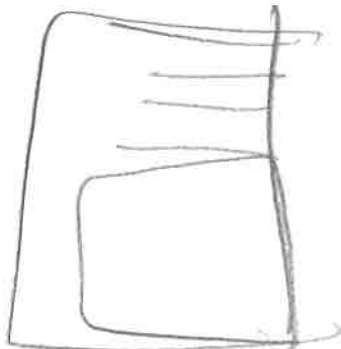
graph TD
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    A --- C[ ]
    A --- D[ ]
    B --- E[ ]
    B --- F[ ]
    C --- G[ ]
    D --- H[ ]
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    AJ --- AN[ ]
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    DH --- DL[ ]
    DI --- DM[ ]
    DJ --- DN[ ]
    DK --- DO[ ]
    DL --- DP[ ]
    DM --- DQ[ ]
    DN --- DR[ ]
    DO --- DS[ ]
    DP --- DT[ ]
    DQ --- DU[ ]
    DR --- DV[ ]
    DS --- DW[ ]
    DT --- DX[ ]
    DU --- DY[ ]
    DV --- DZ[ ]
    DW --- EA[ ]
    DX --- EB[ ]
    DY --- EC[ ]
    DZ --- ED[ ]
    EA --- EE[ ]
    EB --- EF[ ]
    EC --- EG[ ]
    ED --- EH[ ]
    EE --- EI[ ]
    EF --- EJ[ ]
    EG --- EK[ ]
    EH --- EL[ ]
    EI --- EM[ ]
    EJ --- EN[ ]
    EK --- EO[ ]
    EL --- EP[ ]
    EM --- EQ[ ]
    EN --- ER[ ]
    EO --- ES[ ]
    EP --- ET[ ]
    EQ --- EU[ ]
    ER --- EV[ ]
    ES --- EW[ ]
    ET --- EX[ ]
    EU --- EY[ ]
    EV --- EZ[ ]
    EW --- FA[ ]
    EX --- FB[ ]
    EY --- FC[ ]
    EZ --- FD[ ]
    FA --- FE[ ]
    FB --- FF[ ]
    FC --- FG[ ]
    FD --- FH[ ]
    FE --- FI[ ]
    FF --- FJ[ ]
    FG --- FK[ ]
    FH --- FL[ ]
    FI --- FM[ ]
    FJ --- FN[ ]
    FK --- FO[ ]
    FL --- FP[ ]
    FM --- FQ[ ]
    FN --- FR[ ]
    FO --- FS[ ]
    FP --- FT[ ]
    FQ --- FU[ ]
    FR --- FV[ ]
    FS --- FW[ ]
    FT --- FX[ ]
    FU --- FY[ ]
    FV --- FZ[ ]
    FW --- GA[ ]
    FX --- GB[ ]
    FY --- GC[ ]
    FZ --- GD[ ]
    GA --- GE[ ]
    GB --- GF[ ]
    GC --- GG[ ]
    GD --- GH[ ]
    GE --- GI[ ]
    GF --- GJ[ ]
    GG --- GK[ ]
    GH --- GL[ ]
    GI --- GM[ ]
    GJ --- GN[ ]
    GK --- GO[ ]
    GL --- GP[ ]
    GM --- GQ[ ]
    GN --- GR[ ]
    GO --- GS[ ]
    GP --- GT[ ]
    GQ --- GU[ ]
    GR --- GV[ ]
    GS --- GW[ ]
    GT --- GX[ ]
    GU --- GY[ ]
    GV --- GZ[ ]
    GW --- HA[ ]
    GX --- HB[ ]
    GY --- HC[ ]
    GZ --- HD[ ]
    HA --- HE[ ]
    HB --- HF[ ]
    HC --- HG[ ]
    HD --- HE[ ]
    HE --- HI[ ]
    HF --- HJ[ ]
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    HD --- HL[ ]
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    HG --- HO[ ]
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    HE --- IG[ ]
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    HF --- IL[ ]
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    HF --- IT[ ]
    HG --- IU[ ]
    HD --- IV[ ]
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    HG --- IY[ ]
    HD --- IZ[ ]
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    HJ --- JC[ ]
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    HL --- JE[ ]
    HM --- JF[ ]
    HN --- JG[ ]
    HO --- JH[ ]
    HP --- JI[ ]
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    HT --- JM[ ]
    HU --- JN[ ]
    HV --- JO[ ]
    HW --- JP[ ]
    HX --- JQ[ ]
    HY --- JR[ ]
    HZ --- JS[ ]
    IA --- JT[ ]
    IB --- JU[ ]
    IC --- JV[ ]
    ID --- JW[ ]
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    IF --- JY[ ]
    IG --- JZ[ ]
    IH --- KA[ ]
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    KH --- LA[ ]
    KI --- LB[ ]
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    KK --- LD[ ]
    KL --- LE[ ]
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    KQ --- LJ[ ]
    KR --- LK[ ]
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    KT --- LM[ ]
    KU --- LN[ ]
    KV --- LO[ ]
    KW --- LP[ ]
    KX --- LQ[ ]
    KY --- LR[ ]
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    LC --- LV[ ]
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    LF --- LY[ ]
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    LH --- MA[ ]
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    LK --- MD[ ]
    LL --- ME[ ]
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    LN --- MG[ ]
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    LQ --- MJ[ ]
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    LS --- ML[ ]
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    LZ --- MS[ ]
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    MG --- MZ[ ]
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    MJ --- NC[ ]
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    MN --- NG[ ]
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    ND --- NW[ ]
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    NJ --- OC[ ]
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    OL --- PE[ ]
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    PO --- QH[ ]
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    QD --- QW[ ]
    QE --- QX[ ]
    QF --- QY[ ]
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    QO --- RH[ ]
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    QQ --- RJ[ ]
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    SD --- SW[ ]
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    SQ --- TJ[ ]
    SR --- TK[ ]
    SS --- TL[ ]
    ST --- TM[ ]
    SU --- TN[ ]
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    SW --- TP[ ]
    SX --- TQ[ ]
    SY --- TR[ ]
    SZ --- TS[ ]
    TA --- TT[ ]
    TB --- TU[ ]
    TC --- TV[ ]
    TD --- TW[ ]
    TE --- TX[ ]
    TF --- TY[ ]
    TG --- TZ[ ]
    TH --- UA[ ]
    TI --- UB[ ]
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    TL --- UE[ ]
    TM --- UF[ ]
    TN --- UG[ ]
    TO --- UH[ ]
    TP --- UI[ ]
    TQ --- UJ[ ]
    TR --- UK[ ]
    TS --- UL[ ]
    TT --- UM[ ]
    TU --- UN[ ]
```




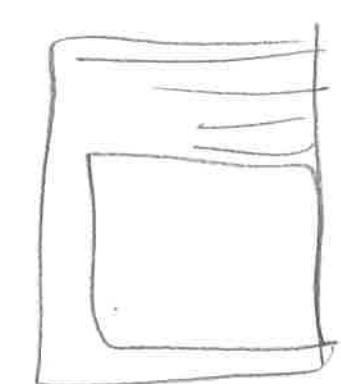
Hand-drawn sketches of four rectangular structures, possibly representing cells or components, arranged in a 2x2 grid. Each structure has a large rectangular opening on the right side and a smaller rectangular opening on the left side. The top and bottom edges are slightly irregular, suggesting a hand-drawn style.

Year	Locality	Species	Condition
			
			
			
			









Year	Locality	Source	Condition	Mythical
X				

near	locality	sample date	condition	Hyphae leaf 1	Hyphae leaf 2
X					

The image shows four hand-drawn rectangular structures arranged in a 2x2 grid. Each structure consists of a larger outer rectangle and a smaller inner rectangle, with several horizontal lines drawn above the inner rectangle. The drawings are simple and appear to be preliminary sketches for a design or architectural plan.